

LOYOLA UNIVERSITY BULLETIN

No. 1

Mr. Dyson



THE COLLEGE OF ARTS AND SCIENCES

1958

ANNOUNCEMENTS 1958-1959

New Orleans, La.

January, 1958

VOL. XL

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COLLEGE OF ARTS AND SCIENCES

Founded in 1912

Member of the Southern Association of Colleges and Secondary Schools.

Member of the National Catholic Educational Association.

Member of the Jesuit Educational Association.

Member of the Association of American Colleges.

Member of American Association of Colleges for Teacher Education.

Accredited by National Council for Accreditation of Teacher Education.

LOYOLA UNIVERSITY BULLETIN

Vol. XL

JANUARY, 1958

No. 1

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Loyola University, Incorporated April 15, 1912. Authorized to
grant degrees by The General Assembly of Louisiana for the year
1912.

The Legal and Corporate Title of the University is
"LOYOLA UNIVERSITY, NEW ORLEANS"

All donations, endowments, legacies, bequests, etc., should be
made under this title.

Ad Majorem Dei Gloriam

Loyola University



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OF

ARTS AND SCIENCES

1958 - 1959

6363 ST. CHARLES AVENUE
NEW ORLEANS 18, LA.
UNIVERSITY 6-5471

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1958 - CALENDAR - 1958

JANUARY							APRIL							JULY							OCTOBER						
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1959 - CALENDAR - 1959

JANUARY							APRIL							JULY							OCTOBER						
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18	19	20	21	★	★	★	19	20	21	22	23	24	25	19	20	21	22	23	24	25	18	19	20	21	22	23	24
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MARCH							JUNE							SEPTEMBER							DECEMBER						
1	2	3	4	5	6	7	---	1	2	3	4	5	6	---	---	1	2	3	4	5	---	---	1	2	3	4	5
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22	23	24	25	★	★	★	21	22	23	24	25	26	27	20	21	22	23	24	25	26	20	21	22	23	24	25	26
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Session Calendar

1958-1959

SUMMER SESSION

June	9-10	Registration for Summer Session.
June	11	Opening of Summer Session.

FALL SESSION

September	8-12	Freshmen Orientation.
September	9	Completion of Freshmen Registration.
September	10	Registration of late arrivals.
September	11-12	Registration of Sophomores, Juniors and Seniors.
September	13	Registration of Saturday classes and Graduate Divisions.
September	15	Mass of the Holy Spirit, 8:00 A.M. Official opening of Fall Semester. Lectures and classes begin at 10:00 A.M. Fee for late registration.
September	16	Terminal date for admissions.
September	22	Official opening of Graduate Divisions of Education and Biological Sciences.
September	23	Latest date for changes in undergraduate class schedules.
October	3	Latest date for official withdrawal from courses
October	4	President's Reception for Faculty.
November	1	Feast of All Saints. University holiday.
November	3	Mid-semester examinations begin.
November	26-30	Thanksgiving holidays, Wednesday through Saturday.
December	20	Christmas holidays begin after last class.

1959

January	5	Classes resumed.
January	14	Final examinations begin.
January	22	End of Fall Semester.

SPRING SESSION

January	22-24	Mid-session holidays. Registration of new students.
January	26	Official opening of Spring Semester. Lectures and classes begin. Fee for late registration.
January	31	Latest date for registration or changes in class schedules.
February	13	Latest date for applications of candidates for degrees to be conferred in May, 1959. Last day for official withdrawal from courses. Graduation fees due.
February	9-10	Mardi Gras. University holidays.
March	19	Mid-semester examinations begin.
March	25	Easter holidays begin after last class.
March	31	Classes resumed.
April	15-30	Pre-registration for 1959-1960.
May	7	Ascension Thursday. University holiday.
May	8	Theses due in final form from candidates for degrees to be conferred in May, 1959.
May	12-15	Examinations for Seniors.
May	19	Award Day Ceremonies at 11:00 A.M. in Fieldhouse.
May	20	Examinations begin for underclassmen.
May	27	Commencement Exercises.

Administration



BOARD OF DIRECTORS OF THE UNIVERSITY

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REVEREND SIDNEY A. TONSMEIRE, S.J., A.B., S.T.L., *Secretary*

REVEREND ALOYSIUS B. GOODSPEED, S.J., A.M., S.T.L., *Treasurer*

REVEREND JAMES F. WHELAN, S.J., PH.D.

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REVEREND BERNARD A. TONNAR, S.J., A.M., S.T.L., *Assistant Dean*

REVEREND ROBERT L. BOGGS, S.J., A.B., S.T.L., *Dean of Students*

MISS ROSALIE J. PARRINO, B.B.A., *Assistant Dean of Students*

REVEREND SIDNEY A. TONSMEIRE, S.J., A.B., S.T.L., *Secretary*

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RAYMOND P. WITTE, A.B., PH.D., *Director of Evening Division*

LT. COLONEL MARION B. NOLAND, MPC., *Commandant of University*
R. O. T. C.

MISS CARMEL V. DISCON, A.M., *Registrar*

JAMES W. DYSON, A.M., B.S. IN L.S., *Librarian*

CHARLES R. BRENNAN, A.B., *Director of Public Relations*

ALBERT S. JOHNSON, B.S., M.D., *University Physician*

MISS S. DOROTHY THOMPSON, A.B., *Veterans' Counselor*

MISS MARGARET E. CAREY, *Registrar Emerita*

Officers of Instruction

- JOHN G. ARNOLD, JR., PH.D., *Professor of Biology; Chairman of the Department of Medical Technology.*
A.B., Ohio State University, 1930; A.M., Wesleyan University, 1932; Ph.D., New York University, 1934.
- PAUL F. BAILEY, M.S., *Professor of Chemistry.*
B.S., Loyola University, New Orleans, 1926; M.S., *ibid.*, 1940.
- VICTOR H. BAKER, *Certificate, Die Hochschule fur Welthandel University of Vienna, Associate Professor Emeritus of German.*
- REV. JOSEPH B. BASSICH, S.J., PH.D., *Professor of Education; Acting Dean of the College of Music.*
A.B., College of the Immaculate Conception, 1902; A.M., St. Louis University, 1918; A.M., Columbia University, 1931; Ph.D., Gregorian University, Rome, Italy, 1931.
- LETITIA BEARD, M.S., *Instructor in Bacteriology.*
B.A., Texas Christian University, 1952; B.S., *ibid.*, 1953; A.S.C.P. Registry 1953; M.S., Texas Christian University, 1955.
- MASTER SGT. JOHN W. H. BELL, *Assistant Instructor of Military Science and Tactics.*
- REV. FRANCIS A. BENEDETTO, S.J. PH.D., *Professor of Physics; Chairman of the Department.*
A.B., St. Louis University, 1936; M.S., Fordham University, 1940; Ph.D., *ibid.*, 1946.
- REV. EMMETT M. BIENVENU, S.J., A.B., *Associate Professor of Languages; Chairman of the Department.*
A.B., St. Louis University, 1935; S.T.L., *ibid.*, 1946.
- REV. ROBERT L. BOGGS, S.J., A.B., *Dean of Students.*
A.B., Spring Hill College, 1942; S.T.L., St. Louis University, 1949.
- REV. JOSEPH S. BOGUE, S.J., PH.D., *Professor of Philosophy; Chairman of the Department.*
A.B., Gonzaga University, 1925; A.M., *ibid.*, 1926; Ph.D., Gregorian University, Rome, Italy, 1937.
- LUCILLE M. BOSTICK, A.M., *Associate Professor of Education; Supervisor of Student Teaching.*
A.B., Tulane University, New Orleans, 1926; A.M., *ibid.*, 1929.
- LAWRENCE L. BOURGEOIS, PH.D., *Associate Professor of Sociology.*
A.B., Loyola University, New Orleans, 1941; A.M., Louisiana State University, 1943; Ph.D., Harvard University, 1955.
- HARRY D. BROWN, PH.D., *Assistant Professor of Biology.*
B.S., Long Island University, 1950; A.M., Columbia University, 1952; Ph.D., Columbia University Faculty of Pure Science, 1957.
- MASTER SGT. L. CAMPBELL, *Assistant Instructor of Military Science and Tactics.*
- REV. CHARLES C. CHAPMAN, S.J., PH.D., *Professor of History and Political Science; Chairman of the Department.*
A.B., Gonzaga University, 1923; A.M., *ibid.*, 1924; Ph.D., Fordham University, 1934.
- REV. HAROLD L. COOPER, S.J., A.B., *Assistant Professor of Philosophy; Assistant Chaplain.*
A.B., Spring Hill College, 1942; S.T.L., St. Louis University, 1951.
- RUSSELL G. CRESSON, B.B.A., *Instructor of Journalism; University Photographer.*
B.B.A., Loyola University, New Orleans, 1949.
- WINSTON R. DEMONSABERT, PH.D., *Professor of Chemistry.*
B.S., Loyola University, New Orleans, 1937; A.M., Tulane University, 1945; Ph.D., *ibid.*, 1952.

- REV. EDWARD A. DOYLE, S.J., PH.D., *Dean of Faculties; Dean of Arts and Sciences; Associate Professor of Education.*
A. B., Georgetown University, 1935; S.T.L., St. Louis University, 1947; Ph.D., The Catholic University of America, 1953.
- REV. JOHN DRISCOLL, S.J., PH.D., *Assistant Professor of English.*
M.A., Fordham University, 1946; S.T.L., St. Louis University, 1952; Ph.D., Yale University, 1958.
- TIMOTHY L. DUGGAN, M.S., *Associate Professor of Physiology.*
A.B., Loyola University, New Orleans, 1929; M.S., *ibid*, 1936; Registry A.S.C.P., 1940.
- CROZET DUPLANTIER, A.B., *Lecturer in Journalism.*
A.B., Loyola University, New Orleans, 1941.
- JAMES W. DYSON, B.S. IN L.S., *Associate Professor of Library Science; Chairman of the Department.*
A.B., Little Rock College, 1926; A.M., *ibid.*, 1928; A.M., Peabody College, 1936; B.S., in L.S., *ibid.*, 1935.
- GERALD J. EBERLE, PH.D., *Professor of English.*
A.B., St. Norbert College, 1934; A.M., University of Wisconsin, 1936; Ph.D., *ibid.*, 1945.
- MASTER SGT. ETLO R. ENRICO, *Assistant Instructor of Military Science and Tactics.*
- REV. MAURICIO ESCARDO, S.J., PH.D., *Visiting Lecturer in Philosophy and Theology.*
Ph.L., Pontifical University of St. Joseph, Argentina, 1940; A.B., Ministerio de Educacion, Buenos Aires, Argentina, 1941; A.M., Colegio del Salvador, Buenos Aires, Argentina, 1943; S.T.L., Pontifical University of St. Joseph, Argentina, 1947; Ph.D., Instituto Libre de Humanidades, Sante Fe, Argentina, 1952.
- REV. JOSEPH H. FICHTER, S.J., PH.D., *Professor of Sociology; Chairman of the Department.*
A.B., St. Louis University, 1935; A.M., *ibid.*, 1939; Ph.D., Harvard University, 1947.
- MARY C. FITZGERALD, M.ED., *Instructor in Education.*
B.S., Loyola University, New Orleans, 1951; M.Ed., *ibid*, 1956.
- HARRY T. FLEDDERMANN, PH.D., *Professor of Mathematics.*
B.S., Spring Hill College, 1929; B.S., in Mech. Eng., University of Detroit, 1931; M.S., Louisiana State University, 1937; Ph.D., *ibid.*, 1940.
- REV. GEORGE A. FRANCIS, S.J., PH.D., *Professor of Chemistry.*
A.B., Woodstock College, 1911; A.M., St. Louis University, 1920; Ph.D., Fordham University, 1922.
- EDWIN P. FRICKE, PH.B., *Moderator of the Loyola Maroon; Instructor in Journalism; Chairman of the Department.*
Ph.B., Loyola University, New Orleans, 1948.
- *ALBERT J. GELPI, M.A., *Instructor of English.*
A.B., Loyola University, New Orleans, 1951; M.A., Tulane University, 1956.
- SGT. FIRST CLASS JOSEPH H. GERACI, *Assistant Instructor of Military Science and Tactics.*
- LUCILLE GODELFER, A.B., *Instructor in Medical Technology.*
A.B., Newcomb College, 1924; M.T., Registry A.S.C.P., 1939.
- ALFRED F. GOESSL, *Instructor of German.*
Diploma of College of Commercial Science, Karl's University, Prague, 1944.
- WILLIAM A. GORDON, *Instructor of English.*
Diplome de Doctorat, University of Paris, 1948.
- ROBERT C. GOSS, PH.D., *Assistant Professor of Biology.*
B.S., Huntington College, 1951; M.S., Purdue University, 1953; Ph.D., *ibid*, 1957.
- DON FESSLER HAMLIN, LL.B., *Instructor of History.*
LL.B., Ohio State University, 1928.

*On Leave of Absence.

- JAMES HARDING, M.A., *Instructor in Education; Coach.*
B.S., Iowa University, 1940; M.A., *ibid.*, 1952.
- ANNA JOSEPHINE HARNAN, M.T., *Instructor of Hospital Training.*
M.T. Registry A.S.C.P., 1938.
- WILLIAM H. HARRIS, JR., M.D., *Professor of Medical Technology; Director of Hospital Training.*
A.B., Tulane University, 1936; M.D., *ibid.*, 1940.
- RALPH MILO HARTWELL, M.D., *Professor of Medical Technology; Director of Hospital Training.*
M.D., Louisiana State University, 1937.
- GEORGE HAUSER, M.D., *Professor of Medical Technology; Director of Hospital Training.*
M.D., Tulane University, 1915.
- REV. HARRY HEITER, S.J., A.B., *Instructor of Theology; Chaplain of College of Music.*
A.B., Spring Hill College, 1943; S.T.L., St. Louis University, 1951.
- ANDREE HELLER, B.M., *Associate Professor of French and Spanish.*
B.M., New Orleans Conservatory of Music and Dramatic Art, 1926; Diplome de Professeur de Francais a l'Etranger, Sorbonne (University of Paris, France), 1922.
- AMBROSE J. HERTZOG, M.D., *Professor of Medical Technology; Director of Hospital Training.*
B.S., Spring Hill College, 1928; M.D., Tulane University, 1932; M.S., University of Minnesota, 1937; Ph.D., *ibid.*, 1938.
- REV. LOUIS HIEGEL, S.J., J.C.D., *Associate Professor of Theology and Canon Law; Chaplain of the School of Law.*
A.B., Spring Hill College, 1940; S.T.L., St. Louis University, 1948; J.C.D., Gregorian University, Rome, Italy, 1955.
- MARK DANIEL HORNE, PH.D., *Professor of English.*
Ph.B., Loyola University, New Orleans, 1934; A.M., Louisiana State University, 1935; Ph.D., *ibid.*, 1939.
- ALBERT S. JOHNSON, M.D., *University Physician.*
B.S., Loyola University, New Orleans, 1946; M.D., Louisiana State Medical School, 1950.
- REV. HOMER R. JOLLEY, S.J., PH.D., *Associate Professor of Chemistry; Chairman of the Department.*
A.B., Gonzaga University, 1933; A.M., *ibid.*, 1939; M.S., Fordham University, 1941; S.T.L., St. Louis University, 1946; Ph.D., Princeton University, 1951.
- MAJOR ROBERT H. JORDAN, B.S., *Assistant Professor of Military Science and Tactics.*
B.S., University of California, 1939.
- REV. JOHN F. KELLER, S.J., M.S., *Associate Professor of Mathematics; Chairman of the Department; Chaplain of the School of Dentistry.*
B.S., Spring Hill, 1941; M.S., St. Louis University, 1945.
- SGT. FIRST CLASS JOHN E. KEPPEL, *Assistant Instructor of Military Science and Tactics.*
- SISTER MARY PETRINE KERSTING, S.S.N.D., A.M., *Lecturer in Education; Supervisor of Practice Teaching.*
B.S., St. Louis University, 1938; A.M., Catholic University of America, 1944.
- REV. GUY J. LEMIEUX, S.J., A.M., *Professor of Philosophy; Assistant Chaplain.*
A.B., Loyola University, New Orleans, 1930; A.M., St. Louis University, 1934; Ph.L., *ibid.*, 1938; S.T.L., *ibid.*, 1943.
- DON LEWIS, *Instructor in Commercial Radio.*

- ALDEA MAHER, M.D., *Professor Emerita of Medical Technology*.
A.B., Newcomb College, 1913; A.M., Tulane University, 1914; M.D., *ibid.*, 1919.
- REV. THOMAS F. MAHER, S.J., A.M., *Associate Professor of English*.
A.M., Gonzaga University, 1925.
- REV. KARL A. MARING, S.J., PH.D., *Professor of Physics*.
A.B., Woodstock College, 1915; A.M., *ibid.*, 1916; Ph.D., St. Louis University, 1932.
- HARRIETTE MARTIRE, PH.D., *Associate Professor of Education*.
B.S., Fordham University, 1941; M.S., *ibid.*, 1947; Ph.D., *ibid.*, 1955.
- CAPTAIN DALLAS S. MATHEWSON, B.S., *Assistant Professor of Military Science and Tactics*.
B.S., Alfred University, 1938.
- EDMOND L. MERILH, M.S., *Professor Emeritus of Histology*.
B.S., Spring Hill College, 1917; Certificate of Bacteriology and Pathology, Loyola University, New Orleans, 1922; M.S., *ibid.*, 1923; Lifetime Teachers Certificate, State of Louisiana, 1938.
- REV. JOSEPH MOLLOY, S.J., A.B., *Athletic Director; Moderator of Sodalitys*.
A.B., St. Louis University, 1936.
- REV. HENRY R. MONTECINO, S.J., A.M., *Associate Professor of Philosophy; University Chaplain*.
A.B., Spring Hill College, 1940; S.T.L., St. Louis University, 1948; A.M., *ibid.*, 1952.
- WALTER G. MOORE, PH.D., *Professor of Biology*.
A.B., Wayne University, 1934; A.M., University of Minnesota, 1938; Ph.D., *ibid.*, 1940.
- REV. THOMAS F. MULCRONE, S.J., M.S., *Assistant Professor of Mathematics; Chaplain of College of Pharmacy*.
B.S., Spring Hill College, 1939; M.S., Catholic University of America, 1942; S.T.L., St. Louis University, 1947.
- REV. WILLIAM A. MULHERIN, S.J., A.M., *Professor of Philosophy*.
A.B., Gonzaga University, 1921; A.M., *ibid.*, 1922.
- REV. JOHN H. MULLAHY, S.J., PH.D., *Professor of Biology; Chairman of the Department of Biological Sciences*.
A.B., St. Louis University, 1937; M.S., Fordham University, 1941; S.T.L., St. Louis University, 1946; Ph.D., Vanderbilt University, 1951.
- M. BENTON NAFF, PH.D., *Associate Professor of Chemistry*.
B.S., University of Kentucky, 1941; M.S., *ibid.*, 1946; Ph.D., Oregon State College, 1950.
- SGT. ORVEL L. NELSON, *Assistant Instructor of Military Science and Tactics*.
- LT. COLONEL MARION B. NOLAND, MPC, *Commandant and Professor of Military Science and Tactics*.
B.S., Kansas State, 1935.
- ELIZABETH NORSWORTHY, B.S., *Instructor in Medical Technology*.
B.S., Louisiana State University, 1933; Registry A.S.C.P., 1944.
- CAPTAIN TOM C. OBERST, B.S., *Assistant Professor of Military Science and Tactics*.
B.S., United States Military Academy, 1949.
- CHARLES R. OCHSNER, PH.D., *Assistant Professor of Political Science*.
Diploma, Cantonal College of Arts and Sciences, Lausanne, 1939; Diploma, Cant. K. V. Bus. Coll., 1942; B.A., University of Basel and Berne, 1944; M.A., Georgetown University, 1945; Ph.D., *ibid.*, 1947.
- RT. REV. MSGR. GEOFFREY O'CONNELL, PH.D., *Assistant Professor of Education*.
A.M., Catholic University of America, 1933; Ph.D., *ibid.*, 1936.

- REV. EUGENE J. O'CONNOR, S.J., PH.D., *Professor of English; Chairman of the Department.*
A.B., Woodstock College, 1911; A.M., St. Louis University, 1912;
A.M., Loyola University, New Orleans, 1920; Ph.D., Gregorian University, Rome, Italy, 1930.
- ANNA R. PERSICH, B.S. IN M.T., *Instructor in Medical Technology.*
B.S., Ursuline College, 1939; M.T. Registry, A.S.C.P., 1948.
- PAUL B. PICKAR, PH.D., *Associate Professor of Physics; Research Physicist.*
B.S., Penna., S., College, 1941; M.S., Georgetown University, 1943;
Ph.D., Louisiana State University, 1951.
- REV. ALVIN J. PILIE, S.J., A.B., *Associate Professor of Theology; Assistant Chaplain.*
A.B., St. Louis University, 1937; S.T.L., *ibid.*, 1947.
- *REV. LOUIS A. POCHE, S.J., A.M., *Instructor of Theology.*
A.B., Woodstock College, 1948; A.M., *ibid.*, 1950.
- REV. CHARLES J. QUIRK, S.J., A.M., *Professor of English.*
A.B., Georgetown University, 1914; A.M., St. Louis University, 1938.
- GEORGE F. REINECKE, A.M., *Assistant Professor of English.*
A.B., Loyola University, New Orleans, 1943; A.M., Tulane University, 1951.
- RAFAEL C. SANCHEZ, M.D., *Instructor in Medical Technology.*
B.S., Loyola University, New Orleans, 1940; M.D., Louisiana State University, 1950.
- MASTER SGT. WILLIAM M. SANSING, *Assistant Instructor of Military Science and Tactics.*
- ANTHONY SAVOCA, M.ED., *Instructor in Education.*
B.S., Tulane University, 1949; M.ED., Loyola University, New Orleans, 1954.
- FLO MARY SIMONSON, B.S. IN M.T., *Instructor in Medical Technology.*
B.S., Loyola University, New Orleans, 1952; M.T. Registry A.S.C.P., 1952.
- HILDA CHIARULLI SMITH, PH.D., *Assistant Professor of Education.*
B.S., Syracuse University, 1941; M.A., *ibid.*, 1947; Ph.D., *ibid.*, 1955.
- MABEL C. SMITH, M.A., *Assistant Professor of Education.*
B.S., Teachers College, Columbia University, 1926; M.A., *ibid.*, 1932.
- DAVID SMYTHE, B.S., *Instructor in History.*
B.S., University of Virginia, 1935.
- ISABEL SNYDER, A.M., *Associate Professor of Spanish.*
Ph.B., Loyola University, New Orleans, 1930; A.M., *ibid.*, 1934.
- EDWARD M. SOCOLA, PH.D., *Assistant Professor in English.*
A.B., Tulane University, 1944; A.M., *ibid.*, 1948; Ph.D., University of Pennsylvania, 1954.
- REV. LOUIS G. SONIAT, S.J., A.M., *Professor of Theology.*
A.B., Gonzaga University, 1925; A.M., *ibid.*, 1926.
- A. L. STEPLOCK, M.D., *Professor of Medical Technology; Director of Hospital Training.*
- MASTER SGT. MALCOLM L. STREHLE, B.S., *Assistant Instructor of Military Science and Tactics.*
B.S., Louisiana State University, 1935.
- LAWRENCE J. STROHMEYER, M.S., *Associate Professor of Physics.*
B.S., Loyola University, New Orleans, 1938; M.S., New York University, 1940.
- FIRST LT. AMBEROSE A. SZALWINSKI, A.B., *Assistant Professor of Military Science and Tactics.*
A.B., St. Mary's University, 1952.

*On Leave of Absence

- K. H. TAKEMURA, PH.D., *Assistant Professor of Chemistry*.
B.S., University of California, 1947; M.S., University of Illinois, 1948;
Ph.D., *ibid.*, 1950.
- SGT. FIRST CLASS HYRUM TAYLOR, B.S., *Assistant Instructor of Military Science and Tactics*.
B.S., Loyola University, New Orleans, 1957.
- LEWIS J. TODD, A.M., *Associate Professor of Mathematics*.
B.S., Loyola University, New Orleans, 1933; A.M., Tulane University, 1942.
- REV. BERNARD A. TONNAR, S.J., A.M., *Associate Professor of Mathematics; Assistant Dean*.
A.B., St. Louis University, 1937; A.M., Catholic University of America, 1940; S.T.L., St. Louis University, 1946.
- REV. JOHN A. TOOMEY, S.J., A.M., *Associate Professor of Theology; Director of the Loyola Forum*.
A.M., Gonzaga University, 1927; S.T.L., Woodstock College, 1933.
- JOSEPH G. TREGLE, JR., PH.D., *Professor of History*.
Ph.B., Loyola University, New Orleans, 1939; A.M., Louisiana State University, 1941; Ph.D., University of Pennsylvania, 1954.
- VERNE W. TRIPP, M.S., *Lecturer in Chemistry*.
B.S., Loyola University, New Orleans, 1940; M.S., University of Detroit, 1942.
- KEVIN FRANCIS TROWER, B.S., *Instructor of Education*.
B.S., Loyola University, New Orleans, 1957.
- MARIE E. VILLERE, B.S., IN M.T., *Instructor in Medical Technology*.
B.S. in M.T., Loyola University, New Orleans, 1943; M.T. Registry, A.S.C.P., 1944.
- JANE P. WALSH, A.M., *Instructor in Physical Education*.
A.B., Tulane University, 1922; A.M., Loyola University, New Orleans, 1931.
- REV. JOSEPH M. P. WALSH, S.J., PH.D., *Associate Professor of Philosophy*.
B.S., in Commerce, Spring Hill College, 1932; A.M., Gonzaga University, 1939; S.T.L., St. Louis University, 1946; Ph.D., Fordham University, 1956.
- REV. JAMES F. WHELAN, S.J., PH.D., *Professor of Education; Chairman of the Department*.
A.B., Gonzaga University, 1921; A.M., *ibid.*, 1922; A.M., St. Louis University, 1936; Ph.D., Ohio State University, 1938.
- RAY W. WITHAM, B.A., *Instructor of Mathematics*.
B.A., Illinois College, 1945.
- RAYMOND P. WITTE, PH.D., *Associate Professor of History; Director of the Evening Division*.
A.B., St. Mary's University, San Antonio, 1939; Ph.D., St. Louis University, 1947.
- HIROO YAMAMOTO, PH.D., *Assistant Professor of Physiology*.
A.B., DePauw University, 1943; M.A., University of Missouri, 1952; Ph.D., *ibid.*, 1956.
- REV. H. JAMES YAMAUCHI, S.J., S.T.D., *Associate Professor of Theology; Chairman of the Department*.
B.S., Spring Hill College, 1944; S.T.L., Faculté S. Albert, Louvain, 1951; S.T.D., Gregorian University, Rome, 1955.
- LEO C. ZINSER, LL.B., *Instructor in Speech; Director of Dramatics*.
Ph.B., Loyola University, New Orleans, 1933; LL.B., *ibid.*, 1935.

Faculty Committees

ADMISSION AND CLASSIFICATION

REV. E. A. DOYLE, S.J., *Chairman*

DEAN HENRY J. ENGLER

DR. RAYMOND P. WITTE

REV. J. B. BASSICH, S.J.

MISS CARMEL V. DISCON

REV. BERNARD A. TONNAR, S.J.

REV. J. F. WHELAN, S.J.

ATHLETICS

REV. K. A. MARING, S.J., *Chairman*

REV. JOSEPH J. MOLLOY, S.J.

REV. A. B. GOODSPEED, S.J.

REV. E. A. DOYLE, S.J.

DEAN HENRY J. ENGLER

DR. JOHN G. ARNOLD, JR.

CURRICULUM

REV. E. A. DOYLE, S.J., *Chairman*

ALL DEPARTMENTAL CHAIRMEN

DISCIPLINE

REV. R. L. BOGGS, S.J., *Chairman*

DR. J. V. CONNOR

REV. HOMER R. JOLLEY, S.J.

MR. JOHN J. MCAULAY

DR. FRANK J. HOUGHTON

INSTITUTIONAL RESEARCH

REV. FRANCIS A. BENEDETTO, S.J., *Chairman*

DR. WALTER G. MOORE

DR. E. J. IRELAND

DEAN A. E. PAPALE

DR. RUDOLPH COPER

PRE-MEDICAL STUDIES

REV. JOHN H. MULLAHY, S.J., *Chairman*

MR. P. F. BAILEY

REV. H. R. JOLLEY, S.J.

REV. FRANCIS A. BENEDETTO, S.J.

DR. WALTER G. MOORE

DR. WINSTON R. DEMONSABERT

RANK AND TENURE

REV. G. J. LEMIEUX, S.J., *Chairman*

DR. M. D. HORNE

REV. J. H. MULLAHY, S.J.

DR. J. V. CONNOR

REV. BERNARD A. TONNAR, S.J.

REV. L. J. HIEGEL, S.J.

SCHOLARSHIPS

REV. R. L. BOGGS, S.J., *Chairman*

REV. E. A. DOYLE, S.J.

REV. J. B. BASSICH, S.J.

REV. A. B. GOODSPEED, S.J.

RESEARCH GRANTS

DR. PAUL B. PICKAR, *Chairman*

DR. BRENDAN F. BROWN

DR. FRANK J. HOUGHTON

DR. E. J. IRELAND

REV. J. F. WHELAN, S.J.

DR. RUDOLPH COPER

TESTING

DR. M. D. HORNE, *Chairman*

DR. G. J. EBERLE

DR. J. G. TREGLE

REV. BERNARD A. TONNAR, S.J.

DR. HILDA C. SMITH

The University

The Jesuits arrived in New Orleans in 1847 for the purpose of establishing a college of liberal arts and sciences. A college preparatory academy and the College of the Immaculate Conception was established on February 1, 1849 at the corner of Baronne and Common Streets. In 1904 an Academy and College was opened on St. Charles Avenue opposite Audubon Park, and the two associated institutions were known as Loyola College. In 1911 the College of the Immaculate Conception was united with Loyola College on the present Loyola Campus. At the same time, the Loyola Academy and the Academy of the Immaculate Conception were united at the Baronne Street location, to become the present Jesuit High School.

At the request of His Excellency, Most Reverend James J. Blenk, Archbishop of New Orleans, Loyola College was expanded to become Loyola University in the fall of 1911. Loyola University was duly incorporated by the General Assembly of Louisiana and empowered to grant all university degrees in 1912.

JESUIT HIGHER EDUCATION

Loyola University is conducted by members of the Society of Jesus and is a member of the Jesuit Educational Association. In common with all other Catholic educational institutions, it has as its final aim the formation of the true and perfect Christian described by Pope Pius XI in his *Encyclical on the Christian Education of Youth*:

The true Christian, product of Christian education, is the supernatural man who thinks, judges, and acts constantly and consistently in accordance with right reason, illumined by the supernatural light of the example and teachings of Christ; in other words, to use the current term, the true and finished man of character.

The liberal arts college of Loyola University is conducted to promote the spiritual, intellectual, moral, and aesthetic advancement of its students.

A liberal education at Loyola University endeavors to produce the mature development of the student through a carefully integrated liberal arts curriculum. This curriculum includes a liberalized introduction to a special area of learning selected by the student. In this way, adequate provision is made

for a student's advancement into scholarly or professional studies.

The curriculum is designed to develop habits of clear, logical, and accurate thinking through such courses as logic, mathematics, and the natural sciences; the ability for clear and forceful self-expression through such courses as composition, language, and public speaking; a knowledge of human nature through courses in literature; a knowledge of the past through courses in history; a knowledge of the present, a contemporary social awareness, and an attitude of social and civic responsibility through courses in social sciences and modern history; a clear knowledge and appreciation of ultimate religious, philosophical, and moral values through courses in theology and philosophy which, at Loyola University, are especially emphasized.

SPECIFIC AIMS OF THE UNIVERSITY

The specific aims of Loyola University are the following:

1. The conservation of knowledge and ideals and values.
2. The interpretation and transmission of knowledge and ideals and values.
3. The extension of the frontiers of knowledge through investigation and research.
4. The preparation for professions by an intelligent and thorough training in the principles underlying them rather than a mere *ad hoc* training in technique.
5. Loyola University seeks to stimulate and promote intellectual achievement not merely in the field of humanities, philosophy and theology—the Jesuit university's traditional sphere—but in every department of knowledge.
6. Loyola University will show proper consideration for the physical and mental health of its students. For this reason it will include a sane program of physical education in its curricular and co-curricular offerings.
7. As a Catholic university, Loyola University has a Catholic standard of values. Consequently, it places human and spiritual values above the purely material; at the summit of the hierarchy of values are the supernatural truths known through Divine Revelation.
8. Loyola University exists in order that Catholic thinkers and men of science, supported by a truly Catholic environment, informed in their attitude by the spirit of Christ

and His Church, may be enabled by a truly unbiased, liberated, and enlightened intelligence to penetrate adequately to reality and to achieve by organized cooperative effort that *universitas* which is so urgently needed in the contemporary world. Loyola University demands the conscious production of an atmosphere vitalized by Christ; it must in its structure and in the common life of its teachers and students be thoroughly Catholic.

9. Loyola University's unity of thought emanates from its totality of outlook. God and the supernatural are at the basis of Jesuit education. The principle of integration in Loyola University is Catholic faith and practice.

BEQUESTS AND GIFTS

Because of its rapid growth the University must look to its friends and benefactors, and to all those whose bounty is being devoted to the cause of higher education, for the generous contributions which will enable the University to continue its building program. The University hopes for a continuance of financial as well as moral support from those who believe in placing college education within the reach of every deserving student, and who consider that education the safest and best which postulates as the foundation of its intellectual development the formation of character through moral and religious education.

The University cherishes the memory of all its benefactors, great and small. These share in the good works and prayers of the Jesuits of Loyola. Their generous assistance to the University, according to their means, will be remembered long after they are gone.

Among the distinguished benefactors of the University should be mentioned: Miss Sarah Babb, Mr. Eugene Barousse, Rev. John F. Basty, Mr. and Mrs. E. J. Bobet, Mrs. Paul Bordenave, Hon. Joseph A. Breaux, Mr. Otto F. Briede, Jr., Mr. Joseph P. Buckley, Mr. and Mrs. Wm. P. Burke, Dr. Joseph Danna, Miss Leonora Del Bondio, Mr. Lawrence Fabacher, Mr. Edward Fassmann, Miss Mary Ferguson, Mr. Bernard Ghio, K. of St. G., Mr. G. R. Katz, Miss Mary Agnes McCabe, Miss Katherine McDermott, Mr. Edgar Murray, Mrs. J. B. Palmer, Mrs. Emma P. Quintero, Mrs. Louise Jouet Rabouin, Mrs. Isabelle Melancon Scudder, Mrs. Olive Stallings, Mrs. George Swarbrick, Mrs. S. O. Thomas, Mr. and Mrs. W. J. Vincent, Miss Lilly Whitaker.

Those who are desirous of helping Loyola University in its sublime mission of higher education by erecting buildings as family memorials, or by endowing departments or lecture-chairs in any of its schools or colleges, are requested to make their donations, legacies and bequests in the proper legal form, as shown in this Bulletin. One may specify the purpose for which the gift is to be used. This intention will be observed scrupulously. It is well to state whether the sum is for building and equipment or for endowment, as the latter must be invested and only the accruing interest may be used.

FORM OF GENERAL BEQUEST

I hereby give and bequeath to Loyola University, New Orleans, Louisiana, for the use of said institution in fulfillment of its general corporate purpose.....

(State here the sum of money desired to be given, or, if it be the residue of an estate, state this fact.)

FORM OF BEQUESTS FOR A PARTICULAR PURPOSE

I hereby give and bequeath to Loyola University, New Orleans, Louisiana, for the following purpose.....

(State clearly the special object of the bequest, as well as the sum of money or property, real or personal, constituting the same.)

SCHOLARSHIPS

Through the generosity of friends, the University is able to offer a limited number of scholarships each year to bright and ambitious young men and women of fine moral character. The University is very happy to be able to assist these young men and women in getting a higher education which will prepare them for outstanding citizenship. The President and faculty are deeply grateful to their friends who with noble Christian spirit have extended a helping hand to the less fortunate. It is earnestly hoped that others will help to increase our scholarship fund for the benefit of deserving young men and women.

A Perpetual Scholarship is founded when an endowment of \$15,000.00 is set aside for this purpose.

A Course Scholarship represents an amount which will cover the tuition and general fees of one student during his four years of college. The sum of \$3000.00 may be deposited or \$600.00 may be paid annually.

An Annual Scholarship is provided by the yearly donation of \$500.00.

Most of the scholarships listed below are valued at \$200. The holder of the scholarship must pay the remainder of the University charges at the beginning of the year, and he must at all times set an example of good conduct and serious application. The honor will be forfeited by any holder of a scholarship whose grades during the semester are unsatisfactory. Scholarships granted in a specific college cannot be transferred to any other school or college of the University.

Scholarships are awarded each year by the Committee on Scholarships which meets about the middle of July. Application blanks may be obtained from the Dean of Students and must be returned to him before the first of July.

The following are scholarships which have been placed at the disposal of the University:

The Hon. Joseph A. Breaux Scholarships.

The following for the College of Arts and Sciences and the College of Business Administration:

The W. P. Burke Scholarships.

The Rev. Francis X. Twellmeyer, S.J., Scholarship.

The Rev. A. E. Otis, S.J., Scholarship.

The Rev. Albert J. Biever, S.J., Scholarship.

The Louisiana State Council of K. C. Scholarships.

The St. Ignatius Scholarship, founded by Miss E. S. Fitch.

The St. Ignatius of Loyola Scholarship.

The Men's Sodality of Jesuits' Church Scholarship.

The Francis Xavier Wegmann Scholarship.

The Virginia Bobet Scholarship.

The Louise Thomas Scholarship.

The Albert J. B. Lapeyre Memorial Scholarship.

The Ladies' Marquette Auxiliary Scholarships.

The Mrs. Josephine Burke Palmer Scholarships.

The Joseph A. Lipari Scholarships.

The Louise Jouet Rabouin Scholarships.

The G. R. Katz Scholarship, Medical Technology.

The Otto F. Briede, Jr., Physics Scholarship.

The Scudder Scholarship, Sociology.

The Eugene Barousse Scholarship.

Organization and Administration

The College of Arts and Sciences at present conducts the following departments:

Biology	Library Science
Chemistry	Mathematics
Education and Physical Education	Medical Technology
English and Speech	Philosophy
History and Political Science	Physics
Journalism	Sociology
Languages (Classical and Modern)	Theology

In these departments the College offers courses leading to the degrees of Bachelor of Arts, Bachelor of Social Science and Bachelor of Natural Science. It also conducts pre-professional courses that qualify students for entrance into the professional schools of Dentistry, Engineering, Law, Medicine and Pharmacy.

NURSING EDUCATION

Although Loyola University does not grant a degree in Nursing Education, it offers on-campus courses in partial fulfillment of requirements for the degree in Nursing Education.

Nurses now in training in the Hotel Dieu School of Nursing and Mercy Hospital fulfill their collegiate requirements for the Degree in Nursing Education at Loyola University.

CLASSICAL STUDIES

It is one of the regrettable results of the present unrest in the educational world, where the forces arrayed to give vocational training, mechanical development, wage-earning skill, and physical culture are clashing with the traditional classical methods, that the cultural and academic subjects have lost much of their former prestige. No other curriculum has been found to provide the comprehensive training of mind, heart, and will as surely and as efficiently as did the classical studies when they flourished in a golden age as the cause and the fruit of erudition, scholarship, and refinement.

MODERN SCIENCES

It is a grievous error to believe that the lovers of literature and art must be enemies of science and invention. The history of science shows plainly how the great scientific discoveries came out of the institutions hallowed for their classical learning. Until recent times all scientific information and the disputes and inventions of scientists found their way to the public through the Latin tongue.

Ample facilities are offered in the College of Arts and Sciences for the lover of natural science. Large, fully equipped laboratories for general and specialized chemistry, biology, medical technology, and physics are provided. Consecutive courses covering four years of intensive study lead to the degree of Bachelor of Sciences.

THE STUDENT HEALTH SERVICE

Loyola University maintains a medical service on the campus. This service insures a safe health program for both students and faculty.

It is operated under the following rules:

1. Students entering Loyola for the first time or re-entering the University must undergo a physical examination before their registration is officially completed.
2. The University may also require physical examinations at other designated times during the student's stay.
3. A student may be refused admission to the University on the recommendation of the medical examiners. This board also may request a student already enrolled to withdraw.
4. A student may see the University Physician on appointment.
5. Patients confined on the campus will be visited by the University Physician.
6. Medicines or hospitalization are not provided by the University's health service.

THE STUDENT LOAN SERVICE

The University in conjunction with a local bank provides a loan service for students to defray the costs of tuition and fees.

All applications for Student Loans, except those from incoming freshmen, must be submitted to the Dean of Students

at least one month before registration day of the semester for which the loan is requested. A loan covering full amount of tuition and fees may be granted for the first semester. For all subsequent semesters, loans may be granted up to one-half the amount of tuition and fees.

RESERVE OFFICERS TRAINING CORPS

The Department of the Army maintains a General Military Science ROTC unit at Loyola. Students admitted to the Advanced Course may, prior to graduation, request a Reserve commission in a branch in which their professional major will qualify them. Instruction is given in subjects common to all branches of the Army.

All physically fit male students of the College of Arts and Sciences, except veterans, are required by the institution to participate in two years of Military Training, normally during their first two years. Physical fitness is determined by examination without additional expense to the student. Those who fail to take the physical examination at the proper time or who have late registration will be charged a nominal fee (approximately \$2.00).

SPIRITUAL LIFE

The University appoints a Priest, together with needed assistants, to the post of University Chaplain for all the students. He is at their disposition at all times to guide, counsel and advise. The students will find him ready to assist them in their spiritual, personal and individual problems. He is, also, in general responsible for all the organized spiritual activities on the campus.

Convinced of the great value of the Spiritual Exercises of St. Ignatius, the faculty of Loyola makes provisions for its students to follow these Exercises in what is called a Retreat. These retreats are of three kinds, namely, campus week-end retreats, closed retreats at Manresa (Convent, La.) for the men, or closed retreat at Lafayette for the ladies.

For the purpose of fostering religious faith and fervor, and to encourage the students of spiritual and scholastic leadership, the University Sodality offers many opportunities for personal development as well as training and practice in social work and religious activity. Weekly meetings are held for the discussion of phases of Catholic life.

STUDENT COUNCIL

The Student Council consists of twenty-seven members, representing the College of Arts and Sciences, the Schools of Law and Dentistry, and the Colleges of Pharmacy, Music, and Business Administration. These students are selected by the student body with the approval of the faculty. The duty of the Council is to unify student thought and action. It conducts general meetings and elections, sponsors and manages interclass contests, contributes to the student publications, and leads and directs student activities.

THE PHILOSOPHY CLUB

The function of the Philosophy Club is to promote greater active interest in scholastic philosophy by more intensive study, lectures, and public disputations.

LANGUAGE CLUBS

To foster a deeper appreciation of the finer literature of modern foreign languages, French, German and Spanish clubs are conducted for those more advanced students who qualify for membership.

PAN-AMERICAN CLUB

The purposes of the Pan-American Club are to stimulate friendly cooperation among the Spanish and English speaking students, to seek a better understanding of Latin America, to aid Latin American students who are entering the University, to minimize their difficulties with the English Language and to spread the knowledge of the Spanish Language among the North American Students.

SCIENTIFIC SOCIETIES

The Biology, Chemistry, Physics, and Mathematics Societies meet regularly for the discussion of special problems and for special lectures on scientific subjects. The students of the College of Arts and Sciences are eligible for membership subject to the respective special requirements for admission to each society.

RADIO CLUB

The Amateur Radio Club was organized in September, 1945. Its primary purpose is to aid its members in preparing for the code and theory examinations required by the Federal Communications Commission for Amateur Radio Operators. Members operate W5LJY. A genuine interest in Amateur Radio is the only prerequisite for membership.

DEBATING CLUB

The students are encouraged to participate in exercises of public speaking. To further this activity the debating club conducts programs and engages in intercollegiate debates with other universities in various sections of the country. This club is known as the Edward Douglas White Society.

THESPIANS

The Thespians is the University students dramatic club. Its purpose is to develop and give an outlet to the dramatic talent of the students. With this in view the Thespians and the Junior Thespians present several plays each year.

PEGASUS POETRY SOCIETY

Pegasus has as its purpose to further interest in Poetry, to sponsor symposia and to study poetical works in general.

THE ACADEMY OF FINE ARTS

The Academy aims to give its members more contact with art and to offer students the opportunity to acquire an esthetic appreciation of the great masters in painting, sculpture, architecture, and music.

CAMPUS CAPERS

Campus Capers is a student musical good-will troupe. All talented students of the University, instrumental and vocal, are eligible. It provides entertainment at various University functions. The troupe presents, moreover, a weekly radio show, makes television appearances and gives performances at Service Hospitals, veterans' institutions, and charitable benefits.

UNIVERSITY BAND

Membership in the University Band is open to the students of the College of Arts and Sciences if they have the required ability and training. All who become members are required to be regular and prompt in attendance at the appointed rehearsals and at all performances.

THE PEP CLUB

The Pep Club provides organized and effective cheering for all athletic events. It helps towards a vibrant school spirit. All co-eds are eligible for membership.

AGRAMONTE PRE-MEDICAL SOCIETY

Agramonte aims to prepare its members for the study of medicine. Its activities include lectures and tours concerning medical subjects. Membership is open to all Pre-medical students in good standing.

DR. EDWARD A. GAMARD, SR., PRE-DENTAL SOCIETY

The Gamard Pre-Dental Society sponsors lectures, movies, and tours to promote interest in dentistry. Membership is open to all Pre-dental students in good standing.

THE MEDICAL TECHNOLOGY CLUB

The Medical Technology Club serves as a medium to foster better understanding between faculty and students; to provide a common ground upon which all student members of the department can meet; and to foster student activities. Membership is open to all students of Medical Technology in good standing.

THE EL ED CLUB

The El Ed Club stimulates unity among future teachers. All Elementary Education majors are eligible for membership.

STUDENT PUBLICATIONS

The students of the University, under faculty supervision, issue three publications: The *Loyola Maroon*, a weekly, the *Wolf*, an annual and the Student Handbook.

HONORARY SCHOLASTIC FRATERNITIES

In order to give recognition and encouragement to high standards of scholarship among the students, several honorary scholastic fraternities have been established on the campus.

TRI BETA

The Alpha Lambda chapter of Tri Beta, national honor biology fraternity, was established at Loyola on March 24, 1956. It unites biology, pre-medical, pre-dental and medical technology students into a single group who possess a common interest in biology. Its purpose is to instill in its members a desire for scientific knowledge, research and truth.

DELTA EPSILON SIGMA

D. E. S. is a national scholastic honor society for students and graduates of Catholic colleges and universities. Members are chosen from the College of Arts and Sciences only, on a basis of good character, liberal culture, and high scholarship. Candidates must have at least a "B" rating throughout their four years.

ALPHA SIGMA NU

A. S. N. is a national scholastic honor society for male students of Jesuit colleges and universities. The two highest ranking students in each school or college of the University are nominated for membership each year, and the final selection of members is made from their number.

BLUE KEY

This is a national honorary service fraternity whose members are chosen by the active student chapter from male students who have distinguished themselves in leadership, activity, scholarship and service rendered the University.

CARDINAL KEY

Cardinal Key National Honor Sorority was established in 1953. Election to membership in the Sorority is the recognition of achievement by a Loyola co-ed in scholarship and extra-curricular activity. The organization seeks to advance religion, patriotism, and service by affording training for leadership in the college community. It aims at the further development of

the character of the membership by the application of the cardinal virtues of prudence, temperance, justice and fortitude to daily life.

ALPHA PI OMICRON AND LAMBDA SIGMA LAMBDA

These two service organizations are open to male and female students respectively who have proved their ability and willingness to lend varied assistance to the faculty and students of the University. These organizations were founded to foster the development of leadership, activity, loyalty and generous service to the University. Any student of the University is eligible to join one of these organizations.

LOYOLA FORUM

The Loyola Forum is an educational, entertaining program designed for the students' benefit and enjoyment. The Forum spreads Catholic truth and culture—the truth and culture inculcated by the University within its walls—to the outside world by bringing to New Orleans famous Catholic personages, prominent in every field—business, religion, scientific, artistic, governmental—to lecture on current issues and personal experiences.

ENTRANCE PROCEDURE

APPLICATION FOR ADMISSION

The following procedure is to be followed in applying for admission:

1. Request an application for admission from the Registrar either by letter or by telephone.
2. Supply all the information required on the application for admission.
3. Attach to the application blank an application fee of \$5.00 payable to Loyola University. This fee is deductible from the tuition but not refundable.
4. Attach to the application blank a recent photo approximately 2" x 2".
5. Request your high school principal to return pages 3 and 4 of the application blank to the Registrar after he has supplied your complete high school record thereon.

6. Applicants interested in housing facilities or in scholarships should communicate with the Dean of Students.
7. All applicants are required to take the College Entrance Examination Board Tests (Scholastic Aptitude Tests only) and to have a copy of the results sent to the Registrar. Your Student Counselor or Principal will be able to tell you how to apply to take these tests. If, however, you wish to contact the C. E. E. Board directly, their address is: Box 592, Princeton, New Jersey. These tests will be administered on the morning of each of the following dates:

Saturday, January 11, 1958	Saturday, March 15, 1958
Saturday, February 8, 1958	Saturday, May 17, 1958
Wednesday, August 13, 1958	

Applicants for admission to the Freshman class must meet the requirements stated below under Methods of Admission. The specific units of credit that are required and other units that may be presented for admission to the Freshman class are listed under Admission Requirements.

Application for admission accompanied by proper credentials must be filed with the Registrar at least one month prior to the Registration dates for the Fall and Spring. Applications received after these dates will be considered only if student quotas have not been filled.

Applicants for admission as freshmen, or with advanced standing, must submit official records from all schools and colleges attended. These credentials are to be sent directly by the proper officer of the school or college in which they were earned and not through the student. Credentials which are submitted for admission become the property of the University, even in the case of applicants to whom admission is denied, and are kept permanently on file. Blank forms for transcripts of records may be had on application to the Registrar.

It is recommended that applicants who desire admission immediately upon graduation from high school have their credentials sent to the Registrar at the beginning of the last term of their senior year. These credentials should include the past scholastic record, together with a list of courses in progress

during the final term of the senior year and the applicant's rank in class. This will enable the Committee on Admissions to grant tentative admission pending receipt of complete and final records which should be sent to the Registrar by the high school principal immediately after graduation from high school.

The University reserves the right to refuse admission to applicants whose previous work is of such a grade as to create a doubt regarding their ability to pursue successfully their scholastic work in the University.

All students are expected to be matriculated before the beginning of the session's classes, thus allowing them ample time to be assigned to classes and to be provided with laboratory equipment.

Students should be present on the opening day of classes. They will not be admitted after the first five class days. Freshmen must be present on the opening day of Freshman Orientation Week.

Applicants once validly married and now divorced are ineligible to enter Loyola University.

METHODS OF ADMISSION

As a Regular Student—Admission as a *matriculated student to the College of Arts and Sciences may be obtained by one of the following methods: (1) by certificate or diploma of graduation from an approved high school; (2) by examinations; (3) by transfer from another institution of higher education.

Admission by Certificate—Admission without examination is granted to students who have graduated with a minimum of fifteen acceptable units from any high school accredited by a recognized standardizing agency, or by the State Board of Education, or by the State University of the State in which the high school is situated. The application for admission must be accompanied by a certificate from the high school

*A matriculated student is one who has fulfilled all entrance requirements, paid all fees that are due, and is pursuing regular courses leading to a degree.

showing the quantity and quality of work accomplished by the applicant and giving information about his personality, character, and health.

An applicant graduating in the lower third of his high school graduating class may not be admitted to the College of Arts and Sciences as a general rule. The Committee on Admissions is empowered to grant admission to such applicants by exception, with the provision that the student be placed on probation for one semester. His continuance in the College of Arts and Sciences will depend upon the quality of work accomplished during the first semester of his freshman year.

Admission by Examination—An applicant who is not entitled to enter by certificate, as stated above, may be admitted on the basis of entrance examinations.

Admission to Advanced Standing—Advanced standing will be given, at the discretion of the Committee on Admissions, to an applicant who has fulfilled the high school requirements for admission and in addition presents a transcript of college credits certified by the proper official of the college or university attended showing all the scholastic work done in that institution and in all other institutions of collegiate rank previously attended, and giving the student honorable dismissal. Credits presented from a non-accredited institution will be accepted rarely, at the discretion of the Committee on Admissions, and only if the student has made satisfactory grades in his first semester's work at Loyola University College of Arts and Sciences. *No transfer student will be accepted unless he has attained a "C" average for all hours attempted during the preceeding year at the college from which he transfers, has a general "C" average for all hours attempted previously in college, and no faculty action has been taken against him.* Credits presented for work done by correspondence will not be accepted.

II. As a Special Student—A limited number of mature persons who are not eligible for admission into the University by certificate may be admitted as special students under the following conditions: (1) they must be at least twenty-one

years of age; (2) they must not have been in attendance in high school during the previous year; (3) they are to present all available certified credits of previous school work, together with formal application for admission as special students, stating the subject courses desired and the reasons for desiring those courses. When no certified credits can be presented, the applicant must furnish a detailed statement of all previous educational work and practical experience.

By virtue of his classification, a special student is not eligible for any degree nor is his college work accredited until he successfully completes entrance examinations. He may ultimately become a candidate for a degree by completing the admission requirements of the department in which he wishes to register. Upon successful completion of entrance examinations, his previous college work is accredited.

Registration as a special student is for one semester only. Registration for a following semester will be refused if the student has not shown satisfactory earnestness and definiteness of purpose, or if his work has not been satisfactory in the preceding semester. No one may register in the University as a special student for more than two years.

III. As an Out-of-Course Student—A limited number of earnest students of mature years, who, though fully qualified for admission to the College as regular students, do not wish to register as candidates for a degree, but merely want to pursue particular studies for cultural purposes, may be permitted to register as out-of-course students, provided they have obtained the recommendation of the Chairman of the Department in which they wish to register, and the written permission of the Dean. Such recommendation and permission will not be given to applicants who are not evidently qualified to pursue profitably the desired courses.

The credits earned by an out-of-course student may not be applied toward the fulfillment of requirements for a degree unless he changes his academic status to that of a regular student. Out-of-course students must make this change within the first four semesters if the credits are to be used towards an academic degree. At the beginning of each semester they must make written application to the Dean for the privilege of registering for that semester. This privilege will be granted

only to those applicants who have shown, during the preceding semester, a satisfactory definiteness and earnestness of purpose.

ADMISSION REQUIREMENTS

For admission to the College of Arts and Sciences at least fifteen acceptable high school units are required of which twelve must be in strictly academic courses. In general, these units should show several sequences of subject-matter adapted to the course to which admission is sought.

1. All students must present the following units.

	Units
*English	4
History, Civics	2
Elementary (College Preparatory) Mathematics ..	1
Intermediate (College Preparatory) Mathematics ..	1
**Latin or Modern Foreign Language	2
Science	1

2. In general, only three units will be accepted from the following group.

	Units		Units
Bookkeeping	1	Economics	½ - 1
Commercial Law	½ - 1	Music	1
Commercial Geography ...	1	Shop Work	1
Drawing—Mechanical	1	Stenography	½
Drawing—Freehand	1	Typewriting	½

3. A student may not register for a subject course which presupposes specific high school preparation, unless he has completed such preparation. Any deficiency in such preparation will make it necessary for him to take those basic courses which the University judges advisable. Credit for that work may or may not be allowed, according to the circumstances of the case.

*One unit in English may be replaced by a unit in Speech or Journalism.

**These unit may be waived and supplied by scheduling Elementary Language Courses in College.

STUDENT FEES

Fees are paid in two installments during each semester of the scholastic year. During the Fall Semester, the first installment is due on the date of registration, the second on December 1st. During the Spring Semester, the first installment is due on the date of registration, the second on April 15th. *Any other arrangement for payment must be made before the completion of registration with the Treasurer of the University.*

Tuition for eight complete semesters is required of all full time students, regardless of the number of hours taken during any one semester.

The following are the fees in the College of Arts and Sciences:

FOR FULL TIME STUDENTS

Tuition and basic fees (per semester).....	\$300.00
Registration fee (per semester).....	5.00
Late registration fee (per semester).....	5.00
Subject change fee.....	2.00
Graduate Record Examination fee.....	15.00
Graduation fee	25.00
Cap and gown deposit (refundable).....	30.00
Observation and Student Teaching fee.....	30.00
Late examination fee.....	2.00
Transcript (after first).....	1.00
Locker rental (per semester).....	1.50
R. O. T. C. deposit.....	20.00
Fee per year for each science laboratory.....	10.00

The basic fee includes registration, tuition, library, subscription to the *Loyola Maroon and Wolf*, athletics, forum, physical education, and certain other student activities.

The matriculation fee is charged only at the time of a student's first registration in the College of Arts and Sciences.

The graduation fee and the Cap and Gown deposit are paid by Seniors on the date designated in the Session Calendar. The full deposit will be refunded provided the cap and gown are returned in good condition immediately after graduation. If they are returned more than two months after graduation, only \$10.00 will be refunded.

The late examination fee will be charged for any examination taken later than the assigned date, no matter what the excuse. Except for sickness, no late examination will be given unless permission is obtained from the Dean prior to the regularly scheduled examination.

Students will be taxed for excessive breakage or destruction of University property. The decision covering each case will be made by the University.

Until a student's indebtedness is paid in full, no transcript of credits or record of his work will be released from the University.

A fee of two dollars will be charged for every change of course, after the student's schedule has been completed.

FOR PART TIME STUDENTS

The tuition fee for all part time courses is \$15.00 per semester hour, except for accredited teachers and members of a religious community.

For accredited teachers who are at present engaged in teaching, the tuition fee is \$12.00 per semester hour. The teacher's certificate accompanied by a statement of present employment should be presented to the Registrar for inspection at the time of registration.

For students who are members of a religious community, the charges are \$8.00 per semester hour.

All part time students in the College of Arts and Sciences are charged a registration fee of \$5.00 each semester. A matriculation fee of \$5.00 is charged when a student registers for the first time. Auditors do not pay a matriculation fee.

Additional part time fees are:

Library fee (per semester).....	\$ 5.00
Science laboratory fee (per semester).....	15.00
Observation and Student Teaching fee.....	30.00
Late examination fee.....	2.00
Transcript (after first).....	1.00
Late registration fee.....	5.00
Graduation fee	25.00
Cap and gown deposit (refundable).....	30.00

REFUND POLICY

It is the sole duty of the individual, in case of official withdrawal from the College, to make formal application to the Finance Office for any refund of tuition. Refunds are determined, not according to the amount already paid by the student, but according to a percentage of the total tuition payable in the semester in which the student withdraws. Refunds are made on the following basis:

Within first week of semester.....	80%
One week to three weeks of semester.....	60%
Three weeks to five weeks of semester.....	40%
No refund after five weeks.	

No refunds are made when a student is suspended, dismissed for disciplinary reasons, or fails to pass in prescribed or elected courses.

Special consideration regarding refunds will be given to students either voluntarily entering the Armed Services or being drafted.

STUDENT HOUSING

The University maintains, but does not supervise, a limited number of rooming houses for male students. Students may board and lodge only at rooming houses approved by the University authorities. Names and locations of such approved and inspected houses will be furnished by the Dean of Students. Meals may be obtained at the University cafeteria.

Administrative Procedure

REGISTRATION PROCEDURE

Prior to registration a record of all previous work done in high school or college should be on file in the Office of the Registrar. Students registered for a degree in other approved institutions need not file entrance credentials unless they are applying to transfer to Loyola. Satisfactory proof, however, of good standing in those institutions should be presented together with a letter from their Dean approving the courses they intend to schedule.

Students must register within the prescribed time at the beginning of each semester before being permitted to advance in course.

INSTRUCTION

The unit of instruction is one hour a week for one semester. Two hours of work in a laboratory are considered equivalent to one hour of class work. Students may receive credit only for the number of hours published for a course. No credit will be allowed for a course for which a student is not registered as a regular student.

A student is required to take a minimum of twelve semester hours of work each semester. Attendance as auditors is not granted without written permission of the Dean.

WITHDRAWAL

A student who withdraws from the University during a semester before taking the final examinations of the semester forfeits all credit for work done in that semester.

To obtain his honorable dismissal on withdrawing from the University, the student must obtain from the Dean a written permission for such withdrawal, which must be presented to the Registrar. This written permission will not be given if the student has not met all financial obligations to the University, or if he is under any official censure, or if there is any official charge pending against him.

Should a student fail to comply with these regulations, a notation of faculty action against the student will be inscribed on his official record.

A student desiring to withdraw from a scheduled course or to add another course after his semester's schedule has been

filed in the Registrar's office may do so only after having obtained written permission from the Dean. Permission to add a course or to change from one section of a course to another will not be granted after the date indicated in the Session Calendar as the last day for schedule adjustments.

In the case of a student who is called to active duty in any branch of the armed services before the date for final examinations in the semester, the following exceptions to the normal regulations have been made:

1. Should a second semester senior be called to military service within six weeks of the date of commencement exercises, he will have the dates of his final examinations advanced, and, if he passes successfully, he will be granted full credit and his degree.
2. A senior in his first semester, or a junior, sophomore, or freshman in either semester who is called into military service within four weeks of the end of the semester will have his examination dates advanced, and, if he passes successfully, be granted full credit for the semester.
3. Any student who has completed his mid-semester requirements but who is not eligible for full credit as stated above will be granted one-half of the credits for the courses in which he has successfully completed his mid-semester examinations.
4. A notation of the action taken by the University in accordance with the provisions made above will be made on the records and transcripts of the students who have received full credit under these provisions.

ATTENDANCE

The University is insistent on regular and punctual attendance. Each tardiness, defined as a student's failure to be present when his name is called at the beginning of each class or laboratory, will be counted as a third of an absence.

The student coming late is responsible for seeing that the instructor changes the absence noted at the beginning of the class to a tardiness.

Any student incurring more than six absences in a course which carries three or more semester hours will be dropped from the course automatically. In courses of less than three semester hours the maximum number of absences will be double the number of semester hours, e.g. in a two semester hour course, four absences will be the maximum allowed; in a one semester hour course, two absences will be the maximum.

Students who have exceeded the maximum number of absences will have a right to petition the Committee on Attendance for reinstatement.

Students petitioning reinstatement should do so within twenty-four hours after they receive notification that they have been dropped from a course. The petition must be submitted by letter to the Dean of Students and must include the reason for each absence, giving dates, etc. While the petition is being reviewed by the Committee on Attendance the student will be permitted to attend classes. The decision of the Committee on Attendance will be final. Extended absences due to sickness must be verified by a doctor's certificate.

Students entering class more than five minutes after the starting bell will be recorded absent.

Absences for any excuse whatever do not exempt a student from quizzes, tests, examinations, or other written work required during the period of absence. The responsibility for making up such work rests wholly upon the student. A failing grade for the omitted work will be charged against the student if he does not fulfill his obligations within the time limit determined by his professors.

DISCIPLINE

The educational system of this University includes, as one of its most important features, the formation of character. It is expected that each student will be so loyal to the spirit and ideals of the University that the exercise of proper self-control will come from his own convictions and free determination.

It is intended that the college regulations be a guide and help to foster the conduct which is presupposed in every Loyola student. The College requires regular and punctual attendance at all scheduled exercises, observance of college customs

and regulations, serious application to study; and exemplary demeanor in all college activities. A student who is deficient in these essential points will be suspended or dismissed.

The University reserves the right to dismiss at any time a student who fails to give satisfactory evidence of earnestness of purpose and of interest in the serious work of college life. In rare cases a student may be dismissed for a reason that seems to students and parents to be insufficient. In such cases the University is to be considered the more capable judge of what affects the interests both of the institution and of the student body.

GRADES AND REPORTS

A report of the semester grades made by a student in his scheduled subjects is sent to the student at the middle and end of each semester. Other reports will be sent by the Dean whenever he judges it advisable to do so.

Grades are reported as follows: "A," excellent; "B," very good; "C," good; "D," merely passing; "F," failed; "FE," failure because of excessive absences; "W," withdrawal from subject course with permission; "WF," failure because of withdrawal from subject course without permission.

Semester grades are determined as follows:

Pre-examination work in first half of semester.....	20%
Mid-Semester Examination	20%
Pre-examination work in second half of semester	20%
Final Examination	40%

Official grades are expressed in letters, not numbers. The numerical values of the letters used are as follows: A—93 to 100; B—85 to 92; C—77 to 84; D—70 to 76; F—0 to 69.

SCHOLASTIC STANDING

The standing of a student is computed on all hours attempted excluding authorized withdrawals. All attempts at a course which has been failed and repeated or which has been repeated to raise the quality of work will be counted in computing a student's scholastic standing.

QUALITY OF WORK

A candidate for a degree must present not only the required character and quantity of work, but he must attain a certain standard of excellence in his work, especially in his major and minor areas of concentration. Hence, the candidate for a bachelor's degree must earn, in addition to the minimum of 128 semester hours of credit, an average grade of "C" or better. Moreover, a student must make a "C" average in each area of his field of concentration and a "C" average in upper division courses contained in each area.

QUALITY POINT RATING

No student will be permitted to graduate unless he has established a quality point average of 1.0 in his work towards the desired degree.

N. B. The quality point average is determined by dividing the total of quality points earned by the total hours attempted exclusive of failures.

Quality points are earned in the following manner: For the grade of "A" in a subject course, the student is credited with three times as many quality points as semester hours allowed for that course; for the grade of "B," twice as many quality points as semester hours; for the grade of "C," just as many quality points as semester hours; for the grade of "D," semester hours are credited, but not quality points; for the grade of "F," a number of quality points equal to the number of semester hours assigned to the course will be subtracted from the student's total of quality points.

With the special permission of the Dean, a student may repeat a course already successfully completed with a grade of "C" or "D" in order to better the quality of his work. No third attempt will be allowed. Courses in which a grade of "B" has been earned may not be repeated. In computing the student's general average and quality point average in the major field, all attempts will be counted. In computing the quality point average in the minor fields, only the higher grade will be counted in the case of courses which have been repeated.

SCHOLASTIC PROBATION AND DISMISSAL

1. Students admitted from the lower third of their class in high school will be placed on probation for one semester, and their continuance in the College of Arts and Sciences will depend upon the quality of work accomplished during this first semester of their freshman year.

2. In order that students maintain the required academic standing and continue in course, the following minimum standards must be met:

- a) a quality point average of 0.5 for the first semester
- b) a quality point average of 0.7 for the second semester
- c) a quality point average of 1.0 after the third semester and every subsequent semester.

Students failing to meet these specified requirements will be placed on probation for one semester. If a student is unable to raise his quality point average to the required minimum after one semester of probation, he will be subject to dismissal from the College.

Only rarely and for very grave reasons will the probation of a student be extended beyond one semester.

3. Students who have not established a 1.0 general average and a 1.0 average in their major and minor fields of concentration at the end of their sophomore year must remedy their deficiencies before beginning their upper division major or minor work.

4. Students on scholastic probation will schedule no more than 16 and no less than 12 semester hours.

REPETITION OF COURSES

A student who has failed a course will be allowed to repeat that course when it is next offered. No more than two repetitions of the same course will be allowed to any student.

CLASSIFICATION OF STUDENTS

Those students are ranked as Sophomores who have credit for twenty-four semester hours; Juniors, those who have

fifty-six semester hours; Seniors, those who have ninety-two semester hours. Students not included in any of these classifications are registered either as special students or as out-of-course students.

REQUIREMENTS FOR UNDERGRADUATE DEGREES

1. *Semester Hours and Field of Concentration*—To receive a baccalaureate degree, a student is required to complete at least 128 semester hours, distributed normally throughout eight semesters in such manner as to include in his last four semesters a field of concentration consisting of 30 to 36 semester hours of upper division work in related courses, 18 of which must be taken from one field and 12 from one or more related fields.

Before the end of his Sophomore year, the student, with the assistance of the Chairman of the Departments, will select his field of concentration. No student will be permitted to begin his field of concentration unless he has the rating of a Junior, has completed his lower division course requirements, has an average of "C" for all courses completed and has an average of "C" in the lower division subject courses of the major and minor fields he intends to elect. The field, as outlined by the Chairman, must be submitted in duplicate form to the Dean for his approval. After such approval, any change in the student's field of concentration is not allowed without permission of the Dean. Ordinarily such a change will prolong the time required for a degree. Students who have transferred from another college must complete their last 32 hours and 50 per cent of their field of concentration in residence.

Students who wish to schedule courses at other colleges and have such courses recognized as partial fulfillment of their Degree Program at Loyola must obtain the written permission of the Dean before such courses are scheduled.

Failure to obtain such written permission will render the courses unacceptable to Loyola. Courses in which a grade of "D" is earned will not be accepted as transfer credit.

Distribution of Course Requirements in Degree Programs

Subject Requirements	A.B.	B.S.S.	B.S.	B.S. Ed.	B.S. Phys. Ed.	B.S. Med. Tech.
Education				18	18	
English	12	12	12	12	12	12
Greek	12*					
History	12	12	6	6	6	
Latin	12					
Mathematics	6	6	6-10	6	6	
Modern Language	12	12	12			12
Philosophy	21	21	18	18	18	18
Physical Education				4	30	
Science	8	8	18-32	12	20	44
Social Sciences	12*	12		6	3	
Speech		6				
Theology	16	16	16	16	16	16

*Candidates for the A.B. Degree may elect Greek or Social Sciences.

It is to be noted that the Table above indicates the minimum course and credit requirements. At least 18 semester hours in the major field of concentration and 12 semester hours in the minor field must be added to these minimum course requirements in lower division work.

SCIENCE REQUIREMENTS

The following are specific lower division requirements in the major fields of concentration:

1. Major field in Physics and Mathematics:
Physics 10 hours; Chemistry 8 hours; Mathematics 10 hours.
2. Major field in Chemistry:
Chemistry 16 hours; Physics 10 hours; Mathematics 10 hours.
3. Major field in Biology:
Biology 16 hours; Chemistry 16 hours; Mathematics 6 hours.
4. Major Field in Medical Technology:
Medical Technology 17 hours; Biology 12 hours; Chemistry 19 hours.

THEOLOGY REQUIREMENTS

Non-Catholics are not required to fulfill the theology requirements. Transfer and part-time students must establish a minimum of 8 semester hours.

ELIGIBILITY FOR GRADUATION

In addition to the above requirements, the following regulations must be observed:

(1)—The candidate for a degree must either submit a thesis of approximately 5,000 words on a particular phase of his major subject, or must take a comprehensive examination in his major subject, depending upon the regulations of the department of his field of concentration.

(2)—A. Before writing his thesis the student must obtain from the Chairman of the department of his field of concentration the approval of the subject of his thesis. He must present to his Chairman two copies of the completed thesis not later than the date assigned in the Session Calendar. The Chairman's approval of the thesis is required for graduation.

B. If the student is to take a comprehensive examination, the field of examination is to be determined by the Chairman of the Department of his major subject. The successful completion of this examination is required for the graduation of the student.

(3) At the beginning of the scholastic year in which the candidate expects to complete the work required for his degree he must present to the Registrar a formal application for that degree.

(4) Before the date designated in the Session Calendar, the candidate must pay his graduation fee and discharge all other financial indebtedness to the University.

(5) All candidates for degrees must be present at the Award Day Ceremonies, the Baccalaureate Services and the Commencement Exercises. Absence from any one of these exercises will render the candidate ineligible for Graduation. The University will not confer degrees *in absentia*.

COMBINED DEGREES

A student who has completed the Junior year in the College of Arts and Sciences may enter upon his professional studies and after one year of such studies may receive a degree from the College of Arts and Sciences, provided he has fulfilled the following requirements: (1) Before transferring to the professional studies he must have completed

all the courses and examinations of the College of Arts and Sciences specifically required for the academic degree and must file a formal application for the degree in the Office of the Registrar; (2) he must have been registered during the entire year as a Senior in the College of Arts and Sciences and as a First Year student or Freshman in the professional school in which he is taking his professional studies, and his program of first year studies in the professional school must have been approved at the beginning of the session by the Dean of the College of Arts and Sciences; (3) he must have completed successfully the first year of his professional studies as required by the professional school for his promotion to the second year of professional studies in that school, although not more than twenty-two semester hours of such studies will be accepted toward his academic degree; (4) he must not be under any official censure either in the College of Arts and Sciences or in the professional school; (5) he must see that an official record of the studies which he has taken and the grades he has made in them during the first year of professional studies, together with a statement that he has been promoted to the second year of professional studies and that he is not under any official censure in the professional school, be sent by the Dean of the professional school to the Dean of the College of Arts and Sciences. Combined degrees will not be granted after a student has begun his second year in the professional school.

Such a candidate for a degree from the College of Arts and Sciences must be present with the other candidates for degrees at the Award Day Ceremonies, the Baccalaureate Services, and the Commencement Exercises of the University.

Absence from any one of these services will render the candidate ineligible for graduation. The University will not confer degrees *in absentia*.

GRADUATION HONORS

Graduation honors are computed according to the quality point system. A student's graduation average is determined by dividing the total number of quality points earned by the total number of semester hours attempted by the student during his entire course. Semester hours carried include all hours attempted, excluding authorized withdrawals, but in-

cluding all attempts at a course which has been repeated in order to raise the total of quality points. A student who has made an average of 2.5 graduates *cum laude*; one who has made an average of 2.7 *magna cum laude*; one who has made an average of 2.9 *summa cum laude*. Record of these honors is inscribed on the diplomas and noted in the list of graduates published for the Commencement Exercises.

KNOWLEDGE OF REGULATIONS

Every student is to acquaint himself with all the regulations of the University that pertain to him. Ignorance of a regulation is not accepted as an excuse for its violation. These regulations are to be learned from the General Bulletin of the University, the Student Handbook, official instructions given to the students, and posted official notices. When a student registers in the University, it is understood that both the student and the student's parents or guardians agree to the student being governed by the regulations of the University, and will abide by decisions that may be made by officials of the University regarding the student.

Programs of Study

BACHELOR OF ARTS

FRESHMAN

Course No.	Sem.	Hrs.
Philosophy 201-2	6
English 101-2	6
Latin 103-4	6
Language 101-2 (Modern)	6
Sociology 101-2	6
or	6
Greek 101-2	6
Theology 105-6	4
		<hr/> 34

SOPHOMORE

English 201-2	.....	6
Latin 201-2	.....	6
Language 201-2 (Modern)	.....	6
Mathematics 123-124	.....	6
Sociology 205-6	.....	6
or	.....	6
Greek 201-2	.....	6
Philosophy 203-301	.....	6
Theology 209-10	.....	4
		<hr/> 40

JUNIOR

History 101-2	.....	6
Philosophy 302-3	.....	6
Science	.....	8
Theology 309-10	.....	4
Field of Concentration	.....	12
		<hr/> 36

SENIOR

History 201-2	.....	6
Philosophy 211 or 311	.....	3
Theology 311-12	.....	4
Field of Concentration	.....	18
		<hr/> 31

BACHELOR OF SOCIAL SCIENCES

FRESHMAN

Course No.	Sem.	Hrs.
English 101-2	6
Philosophy 201-2	6
History 101-2	6
Language 101-2 (Modern)	6
Sociology 101-2	6
Theology 105-6	4
		<hr/> 34

SOPHOMORE

English 201-2	.....	6
Sociology 205-6	.....	6
Language 201-2 (Modern)	.....	6
Mathematics 123-124	.....	6
Philosophy 203-301	.....	6
Theology 209-10	.....	4
		<hr/> 34

JUNIOR

Philosophy 302-3	.....	6
History 201-2	.....	6
Science	.....	8
Theology 309-10	.....	4
Field of Concentration	.....	12
		<hr/> 36

SENIOR

Expression 101-2	.....	6
Philosophy 211 or 311	.....	3
Theology 311-12	.....	4
Field of Concentration	.....	18
		<hr/> 31

Military Science required in all degree programs for male freshmen and sophomores.

Theology required in all degree programs for Catholic students.

Non-Catholic students substitute electives for Theology.

BACHELOR OF SCIENCE (Biology)

FRESHMAN

Course No.		Sem. Hrs.
English	101-2	6
Language	101-2 (Modern)	6
Mathematics	151-152	6
Theology	105-6	4
Chemistry	101-2	8
Biology	107-8	8
		<hr/> 38

SOPHOMORE

English	201-2	6
Language	201-2 (Modern)	6
Philosophy	201-2	6
Theology	209-10	4
Chemistry	201-2	8
Biology	201-2	8
		<hr/> 38

JUNIOR

History	201-2	6
Philosophy	203-301	6
Theology	309-10	4
Physics	201-4	8
Chemistry	301-2	8
Biology	301-2	8
		<hr/> 40

SENIOR

Philosophy	302-3	6
Theology	311-12	4
Biology	304	4
Biology	314	2
Biology	315-16	2
Biology	317	2
Electives in Chemistry and Biology		8
		<hr/> 28

Premedical Honors* Program (B.S.—Biology)

FRESHMAN

Course No.		Sem. Hrs.
English	101-2	6
Mathematics	151-152	6
Philosophy	201-2	6
Theology	105-6	4
Chemistry	101-2	8
Biology	107-8	8
		<hr/> 38

SUMMER SESSION

Physics	201-4	8
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SOPHOMORE

English	201-2	6
Language	101-2 (Modern)	6
Philosophy	203-301	6
Theology	209-10	4
Chemistry	201-2	8
Biology	201-2	8
		<hr/> 38

SUMMER SESSION

Chemistry	301-2	8
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JUNIOR

History	202	3
Language	201-2 (Modern)	6
Theology	309-10	4
Philosophy	302-3	6
Chemistry	309-10	8
Biology	301-2	8
Biology	315-(316)	1
Biology	304	4
		<hr/> 40

*Students completing this program with a "B" average or better will be eligible for graduation before the beginning of their medical studies.

**BACHELOR OF SCIENCE
EDUCATION
(Elementary Education)**

FRESHMAN		
Course No.		Sem. Hrs.
Education	100-1	4
Science		8
Education	152-55	6
English	101-2	6
History	201-2	6
Mathematics	123-124	6
Theology	105-6	4
		<hr/> 40

SOPHOMORE

Science		4
Education	230	3
Physical		
Education	389	2
Education	254	3
English	201-2	6
Physical		
Education	150-1	4
Philosophy	201-2	6
Social Studies		6
Theology	209-10	4
		<hr/> 38

JUNIOR

Education	310-33	6
Education	352-53	6
Expression	101	3
Sight Singing		3
History	361	3
Philosophy	203-301	6
Physical		
Education	390	2
Theology	309-10	4
		<hr/> 33

SENIOR

Education	354-5	6
Philosophy	302-3	6
Theology	311-12	4
*Education	350	(6)
or		
Electives		(6)
		<hr/> 22

**BACHELOR OF SCIENCE
EDUCATION
(Secondary Education)**

FRESHMAN		
Course No.		Sem. Hrs.
Education	100-1	4
English	101-2	6
Sociology	101-2	6
or		
Economics	201-2	6
Mathematics	123-124	6
Science†		8
Philosophy	201-2	6
Theology	105-6	4
		<hr/> 40

SOPHOMORE

English	201-2	6
History	201-2	6
Philosophy	203-301	6
Science		4
Electives		6
Physical		
Education	150-1	4
Theology	209-10	4
		<hr/> 36

JUNIOR

Philosophy	302-303	6
Education	301-2	6
Education	351	2
Field of Concentration**		12
Theology	309-10	4
Education	302-303	6
		<hr/> 33

SENIOR

Education	310	3
Theology	311-12	4
*Education	350	6
or		
Field of Con- centration		(9)
		<hr/> 22

*Maximum of 12 semester hours during student teaching.

†A total of 12 semester hours is required of all students, including at least 3 semester hours in biological science and at least 3
(Continued to Page 48)

semester hours in physical science (Physics or Chemistry). The remaining 6 semester hours may be distributed as the student elects in either biological or physical science. The requirements may be met with Bl. 101, 102, Ch. 101-2, Ph. 201-4, Bl. 103, Ch. 103, Ph. 103. Ch. 101-2 and Ph. 201-4 must be completed to the full 8 semester hours. Bl. 103, Ch. 103 and Ph. 103 do not meet the requirements for teaching science.

Students preparing to teach Social Studies take Hs. 101-2. Those preparing to teach sciences, take Chemistry 101-2. A student preparing to teach any science must have at least 6 semester hours in each of the following sciences: Biology, Chemistry, and Physics. Students preparing to teach a foreign language take 6 semester hours in the foreign language. Students preparing to teach Business Education, take Economics 201-202, and Accounting 101-102; these must also possess advanced standing in typewriting (6 semester hours) and in shorthand (9 semester hours) for certification to teach Business Education. Typewriting and shorthand do not count in the program toward the degree.

*Students preparing to teach Biology, take Bl. 201-2; those preparing to teach Chemistry, take Ch. 201-2; those preparing to teach Physics, take Ph. 211, 212, 213, 214, and later Ph. 301, 302, 303, 304.

Students preparing to teach either Mathematics or Physics must take Mt. 125-257 and Mt. 259-260.

Students preparing to teach a foreign language take six semester hours in that language.

Field of Concentration includes 18 semester hours of upper division work in Education, and 12 semester hours of upper division work in the teaching area. The student should endeavor to include in his program at least one additional teaching field. The adviser must be consulted concerning specific certification requirements. In general, these are: English, 24 semester hours; Speech, 18 semester hours; Journalism, 12 semester hours; Foreign Language, 24 semester hours for the first field of specialization and 18 semester hours for the second foreign language; Social Studies, 24 semester hours; Science, 24 semester hours, including Bl. 101-2, Ch. 101-2, Ph. 201-4, plus 4 additional semester hours in the science to be taught; Business Education, 36 semester hours including typewriting, 6 semester hours, shorthand, 9 semester hours, and related courses in business and economics, 12 semester hours. If the student is preparing for certification in two fields, the 12 semester hours of upper division work in the teaching area may be divided between these two fields.

BACHELOR OF SCIENCE (Physical Education)

FRESHMAN			
Course No.			Sem. Hrs.
Biology	101-2	-----	8
English	101-2	-----	6
Philosophy	201-2	-----	6
Physical Education	150-1	-----	4
Physical Education	160-1	-----	4
Physical Education	162	-----	2
Theology	105-6	-----	4
			<hr/> 34

SOPHOMORE			
Biology	205-6	-----	6
English	201-2	-----	6
Mathematics	123-124	-----	6
Education	351	-----	2
Physical Education	260-1	-----	4
History	201-2	-----	6
Theology	209-10	-----	4
Philosophy	203-301	-----	6
			<hr/> 40

JUNIOR			
Education	310-33	-----	6
Education	301-2	-----	6
Physical Education	360-1	-----	6
Physical Education	362	-----	3
Philosophy	302-303	-----	6
Social Studies		-----	6
Theology	309-10	-----	4
			<hr/> 37

SENIOR			
Physical Education	363-4	-----	6
Theology	311-12	-----	4
*Education	350	-----	6
Physics or Chemistry		-----	4
Electives		-----	6
			<hr/> 26

BACHELOR OF SCIENCE (Physics—Regular)

FRESHMAN			
Course No.			Sem. Hrs.
English	101-2	-----	6
German	101-2	-----	6
Physics	211-14	-----	10
Mathematics	125-257	-----	10
Theology	105-6	-----	4
			<hr/> 36

SOPHOMORE			
English	201-2	-----	6
German	201-10	-----	6
Physics	301-4	-----	10
Mathematics	259-260	-----	6
Philosophy	201-2	-----	6
Theology	209-10	-----	4
			<hr/> 38

JUNIOR			
Philosophy	203-301	-----	6
Mathematics	391-352	-----	6
Physics	335-8	-----	10
Chemistry	101-2	-----	8
History	201-2	-----	6
Theology	309-10	-----	4
			<hr/> 40

SENIOR			
Philosophy	302-3	-----	6
Physics	307-9	-----	6
Physics	331-3	-----	6
Theology	311-12	-----	4
			<hr/> 32-38

BACHELOR OF SCIENCE (Physics—Advanced)†

JUNIOR			
Philosophy	203-301	-----	6
Mathematics	391-324	-----	6
Physics	335-8	-----	10
Chemistry	101-2	-----	8
Physics	307-9	-----	6
Theology	309-10	-----	4
			<hr/> 40

SENIOR			
Philosophy	302-3	-----	6
History	201-2	-----	6
Physics	331-3	-----	6
Mathematics	361-362	-----	6
*Physics 311-12; 315-16; 319-20		-----	10
Theology	311-12	-----	4
			<hr/> 38

*Maximum of 12 semester hours during student teaching.

*Elect two.

**Elective (Business Administration).

†Freshman and Sophomore courses the same as Physics—Regular with the exception of Mathematics. Advanced: Freshman—Mt. 257-258, Sophomore—Mt. 260-352.

BACHELOR OF SCIENCE
(Chemistry)*

FRESHMAN

Course No.		Sem. Hrs.
Mathematics	125-257	10
Chemistry	101-2	8
Theology	105-6	4
English	101-2	6
Physics	211-14	10
		<hr/> 38

SOPHOMORE

English	201-2	6
Philosophy	201-2	6
Mathematics	259-260	6
Physics	301-3	6
Chemistry	201-2	8
Theology	209-10	4
		<hr/> 36

JUNIOR

German	101-2	6
Philosophy	203-301	6
History	101-2	6
Chemistry	301-2	8
Chemistry	303-4	8
Theology	309-10	4
		<hr/> 38

SENIOR

Philosophy	302-3	6
German	201-10	6
Chemistry	311	3
Chemistry	312	3
Chemistry	313	3
Chemistry	314	3
Chemistry	315	2
Theology	311-12	4
		<hr/> 30

BACHELOR OF SCIENCE
(With Major in Chemistry)

FRESHMAN

Course No.		Sem. Hrs.
Mathematics	125-257	10
Chemistry	101-2	8
Theology	105-6	4
English	101-2	6
Physics	211-14	10
		<hr/> 38

SOPHOMORE

English	201-2	6
Philosophy	201-2	6
Mathematics	259-260	6
Physics	301-3	6
Chemistry	201-2	8
Theology	209-10	4
		<hr/> 36

JUNIOR

Modern Language		6
Philosophy	203-301	6
History	101-2	6
Chemistry	301-2	8
Chemistry	303-4	8
Theology	309-10	4
		<hr/> 38

SENIOR

Philosophy	302-3	6
Modern Language		6
Theology	311-12	4
Economics	201-2	6
Chemistry	309-10	8
Electives:		
Speech or		
Business Adm.		6
		<hr/> 36

*This degree program certified as meeting standards for professional training of ACS Committee on Professional Training.

BACHELOR OF SCIENCE
(Mathematics)BACHELOR OF SCIENCE
(Medical Technology)

FRESHMAN

Course No.	Sem. Hrs.
English 101-2	6
German 101-2	6
Mathematics 125-257	10
Chemistry 101-2	8
Theology 105-6	4
	<hr/> 34

SOPHOMORE

English 201-2	6
Philosophy 201-2	6
German 201-10	6
Mathematics 259-260	6
Physics 211-14	10
Theology 209-10	4
	<hr/> 38

JUNIOR

History 101-2	6
Philosophy 203-301	6
Mathematics 391-352	6
Mathematics 361-362	6
Physics 301-4	
or	10
Physics 307-9	
Theology 309-10	4
	<hr/> 38

SENIOR

Philosophy 302-3	6
Mathematics 311-312	6
Mathematics 343-344	
or	6
Mathematics 347-348	
Physics 331-33	6
Theology 311-12	4
Electives	6
	<hr/> 34

FRESHMAN

Course No.	Sem. Hrs.
Chemistry 101-2	8
Biology 101-2	8
English 101-2	6
Mathematics 111	3
Philosophy 201-2	6
Theology 105-6	4
Med. Tech. 101-2	5
	<hr/> 40

SUMMER SESSION

Biology 209	4
Med. Tech. 204	4
	<hr/> 8

SOPHOMORE

Biology 302	4
Chemistry 204	4
English 201-2	6
Philosophy 203-301	6
Theology 209-10	4
Language 101-2	6
Med. Tech. 201-2	8
	<hr/> 38

JUNIOR

Chemistry 205-6	7
Biology 301-6	8
Philosophy 302-3	6
Theology 309-10	4
Language 201-2	6
Med. Tech. 301-2	8
	<hr/> 39

SENIOR

Theology 311-12	4
Med. Tech. 390-1	16
	<hr/> 20

PRE-LEGAL PROGRAM

FRESHMAN

Course No.		Sem. Hrs.
English	101-2	6
History	101-2	6
Latin	103-4	6
or		6
Expression	203-4	6
Language	101-2	6
Mathematics	123-124	6
Philosophy	201-2	6
Theology	105-6	4
		<hr/> 40

SOPHOMORE

English	201-2	6
Sociology	101-2	6
Latin	201-2	6
or		6 or 8
Science		
Language	201-2	6
Philosophy	203-301	6
Theology	209-10	4
		<hr/> 34-36

JUNIOR

Philosophy	302-3	6
Philosophy	307-8	6
Major Subject		12
Minor Subject		6
Theology	309-10	4
		<hr/> 34

SUMMER SESSION

Major Subject		6
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BACHELOR OF SCIENCE
(Journalism)

FRESHMAN

Course No.		Sem. Hrs.
English	101-2	6
History	101-2	6
Journalism	201-2	6
Journalism	221-2	2
Journalism	242-3	4
Mathematics	111-112	6
Theology	105-6	4
Language	Modern	6
		<hr/> 40

SOPHOMORE

English	201-2	6
History	201-2	6
Journalism	203-4	4
Journalism	206	2
Journalism	223-4	2
Philosophy	201-2	2
Theology	209-10	4
Language	Modern	6
		<hr/> 32

JUNIOR

Journalism	301-2	4
Journalism	306-307	6
Journalism	331-2	4
Philosophy	203-301	6
Theology	309-10	4
Science		8
Minor Elective		6
		<hr/> 38

SENIOR

Journalism	315-16	6
Journalism	333-334	4
Philosophy	302-3	6
Philosophy	311	3
Theology	311-12	4
Expression	101-2	6
Minor Elective		6
		<hr/> 35

INTRODUCTORY

ENGINEERING

The Engineering curriculum has been designed to fulfill the major portion of the Freshman and Sophomore requirements of standard engineering programs.

At the same time the student has the advantage of procuring several invaluable liberal and cultural courses so necessary for the complete education of one who expects to meet squarely the social problems of our times.

FRESHMAN

Course No.		Sem. Hrs.
Chemistry	101-2	8
Drawing	133-134	6
English	101-2	6
Mathematics	125-257	10
Philosophy	201-2	6
Theology	105-6	4
		<hr/> 40

SOPHOMORE

Drawing	231	3
English	201-2	6
or	.....	6
History	101-2	6
Mathematics	259-260	3
Mathematics	232	10
Physics	211-14	6
Philosophy	203-301	4
Theology	209-10	4
		<hr/> 38

NURSING EDUCATION

Students in training at the Hotel Dieu School of Nursing and Mercy Hospital are provided purchase-of-course instruction at the College. These students are duly registered in the College and subject to all regulations governing the admission and matriculation of students of the College of Arts and Sciences. Student nurses must attend regularly scheduled courses on the college campus. The College of Arts and Sciences does not grant a degree in Nursing Education, although credit in the purchase-of-course instruction is transferable and applicable to a collegiate degree.

Course No.		Sem. Hrs.
Biology	109 SN	4
Biology	122 SN	4
Chemistry	101-2 SN	6
Philosophy	101-2 SN	6
Sociology	108 SN	6
English	101-2 SN	6
		<hr/> 29

PRE-DENTAL PROGRAM
(No combined Degree)

FRESHMAN

Course No.	Sem.	Hrs.
Biology	107-8	8
Chemistry	101-2	8
English	101-2	6
Mathematics	151-152	6
Philosophy	201-2	6
Theology	105-6	4
		<hr/> 38

SUMMER SESSION

Physics	201-4	8
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SOPHOMORE

Chemistry	205	4
Biology	201-2	8
English	201-2	6
Philosophy	203-301-303	9
Theology	209-10	4
Physics	201-4	8
		<hr/> 39

LIBERAL ARTS
REQUIREMENTS FOR
PHARMACY DEGREE

FRESHMAN

Course No.	Sem.	Hrs.
Chemistry	101-2	8
English	101-2	6
Mathematics	151-152	6
Biology	107-8	8
Philosophy	201-2	6
Theology	105-6	4
		<hr/> 38

SOPHOMORE

Physics	201-4	8
Chemistry	201-2	8
Philosophy	203-301	6
Economics	200	3
Biology	201	4
Theology	209-10	4
Accounting	100	3
		<hr/> 36

PRE-DENTAL AND
PRE-MEDICAL PROGRAMS
(Combined Degree—
B.S.-Biology)

FRESHMAN

Course No.	Sem.	Hrs.
Biology	107-8	8
Chemistry	101-2	8
English	101-2	6
Mathematics	151-152	6
Philosophy	201-2	6
Theology	105-6	4
		<hr/> 38

SUMMER SESSION

Course No.	Sem.	Hrs.
Physics	201-4	8
		<hr/> SOPHOMORE
Biology	201-2	8
Chemistry	201-2	8
English	201-2	6
Philosophy	203-301	6
Language	101-2 (Modern)	6
Theology	209-10	4
		<hr/> 38

JUNIOR

Course No.	Sem.	Hrs.
Biology	301-2	8
Biology	315	1
Chemistry	301-2	8
Philosophy	302-3	6
Language	201-2 (Modern)	6
Theology	309-10	4
History	202	3
Biology	304	4
		<hr/> 40

Reserve Officers Training Corps



The Department of the Army maintains a General Military Science ROTC unit at Loyola. Students admitted to the Advanced Course may, prior to graduation, request a Reserve commission in a branch in which their professional major will qualify them. Instruction is given in subjects common to all branches of the Army.

All physically fit male students of the College of Arts and Sciences, except veterans, are required by the institution to participate in two years of Military Training, normally during their first two years. Physical fitness is determined by examination without additional expense to the student. Those who fail to take the physical examination at the proper time or who have late registration will be charged a nominal fee (approximately \$2.00).

SENIOR ROTC PROGRAM

The Senior ROTC program consists of two parts: (1) Basic Course and (2) Advanced Course, including a summer camp.

(1) Basic Course. The Basic Course consists of formal instruction for a minimum of three hours per week for two academic years of at least 30 weeks. The Department of the Army allows the Professor of Military Science and Tactics, at his discretion, to allow up to two years credit in the basic course for previous honorable active service in the Armed Forces. Veterans of World War II who have had six to twelve months service may be given one year of credit in the basic course and veterans who have had over twelve months service may be given two years of credit in the basic course.

(2) Advanced Course. The Advanced Course consists of advanced instruction in general military subjects, for a minimum of five hours per week for two academic years of at least 30 weeks each. Entrance to the Advanced Course is limited to those students taking an academic course on the

college level, who have completed the basic course or received credit for prior service as prescribed above.

SUMMER CAMP

Members of the Advanced Course are required to attend camp one summer, normally between the first and second year. All students going to camp receive mileage for the round trip from school at the rate of 5 cents per mile and are housed, uniformed and given medical attention at government expense while at the camp. The duration of camp is six weeks and begins about the middle of June.

The military training will consist of practical and theoretical instruction. In addition to this training, the student has an opportunity to participate in healthy outdoor sports of all kinds and in competition with young men from other colleges. All students attending camp should take with them athletic shorts, tennis shoes and swimming suit. A well planned religion program is conducted at the camp by experienced chaplains.

DISTINGUISHED MILITARY STUDENTS

Military Students who have completed the First Year Advanced Course are considered for selection. A Distinguished Military Student is an individual designated as such after careful consideration of his qualifications by the President of the University and the PMS&T. He must possess outstanding qualities of leadership, high moral character, a definite aptitude for the military service, and he must have demonstrated his leadership ability through his accomplishments while participating in recognized campus activities. Also, he must have sufficient standing in both military and academic subjects.

DISTINGUISHED MILITARY GRADUATES

Those graduates who have completed the entire ROTC Course and who have been selected by the President of Loyola University for scholastic excellence, may be designated as "Distinguished Military Graduates" by the Professor of Military Science and Tactics, as possessing outstanding qualities of leadership, character and aptitude for Military Service. Such "Distinguished Military Graduates" are considered in selections for appointment in the Regular Army.

DRAFT DEFERMENTS

The ROTC deferment procedure is primarily designed to permit selected members of the ROTC to qualify for appointment as commissioned officers of a component of the Army through uninterrupted completion of academic courses. Deferment will not be granted to a student who cannot ultimately qualify for a commissioned appointment through enrollment and training afforded by the ROTC or who evidences lack of desire to become an officer of the Army. Students who sign a Deferment Agreement are required to:

(1) Complete the basic course, if enrolled therein; at the proper time enroll in and complete the advanced course, if accepted therefor.

(2) Accept appointment as a commissioned officer in a component of the Army, if tendered.

(3) Serve on active duty for a period of not less than two years after receipt of commission, if so ordered by the Secretary of the Army.

(4) Remain a member of an active or reserve component of the Army until the eighth anniversary of a receipt of commission.

NATIONAL SOCIETY OF PERSHING RIFLES

The Pershing Rifles is a National Honorary Military Society. Its aim is to encourage, preserve, and develop the highest ideals of the military profession, to promote American citizenship, to create a closer and more efficient relation, and to provide appropriate recognition of a high degree of military ability among the cadets of the Senior Reserve Officers' Training Corps. Any student in good standing enrolled in ROTC is eligible for membership.

NATIONAL SOCIETY OF SCABBARD AND BLADE

The National Society of Scabbard and Blade is an organization for uniting in closer relationship the military departments of American universities and schools; for preserving and developing the essential qualities of good and efficient officers; for preparing individuals as educated men to take a more active part and have a greater influence in the military affairs of the communities in which they reside; and to spread intelligent information concerning the military requirements of this country. Membership is open to Cadet Officers, and other Advanced cadets, upon approval of National Headquarters.

ENROLLMENT AND CONTINUANCE

The general requirements for enrollment and continuance in the ROTC are that the student be a citizen of the United States, physically qualified as prescribed by the Department of the Army, accepted by the institution as a regularly enrolled student, be not less than 14 years of age and must not have reached 23 years of age at time of enrollment (except for veterans of World War II, who must successfully complete such general survey or screening tests as will be given to determine eligibility for admittance to Basic and Advanced Course) and agree in writing upon admission to the Advanced ROTC Course (1) to complete the course of instruction offered unless released by the Department of the Army, and (2) accept a Reserve Commission if tendered.

ACADEMIC CREDIT

Academic Credit is granted for the completion of the Military Course on the basis indicated below:

	1st Semester	2nd Semester	Total Credit Hours
Basic 1st Year.....	2	2	4
Basic 2nd Year.....	2	2	4
Advanced 1st Year.....	3	3	6
Advanced 2nd Year.....	3	3	6

EMOLUMENTS

Advanced ROTC Course Students will be paid a monetary allowance at a daily rate equal to the value of the commuted ration which at present is 90 cents per day. Students attending ROTC Summer Camps will be paid at the rate prescribed for soldiers of the first pay grade of the Regular Army.

Members of the Advanced Course are not in the Active Service. ROTC subsistence allowance is paid to veterans who are enrolled in the Advanced Course in addition to subsistence allowance under Section 400(b) Servicemen's Readjustment Act of 1944. Similar benefits, such as those derived from service-incurred disability, are authorized to

veterans enrolled in the Advanced Course, who are also drawing ROTC subsistence allowance. This means that a member of the Advanced Course ROTC, who is drawing disability compensation for a service-incurred disability, is not required to waive such compensation. He must be physically re-examined for enrollment in the ROTC. Temporary defects may be waived by the Commanding General, Fourth Army. However, physical defects of such a nature that they are likely to exist at the time of graduation from ROTC and which may not be waived for appointment in ORC, will not be waived for enrollment or continuance in ROTC.

UNIFORMS

All ROTC Students are required to deposit \$20.00 with the Treasurer of the University prior to enrollment in the Basic and Advanced Courses. The student will then secure the prescribed uniforms and insignia, which are loaned to the student by the Government, from the ROTC supply house. Any necessary repair or replacements of articles or uniforms must be made by the student. The uniform deposit will be returned to the student upon the completion of or withdrawal from the Course. Final settlement will be made by the Treasurer's Office. Students will not wear a combination of military and civilian clothing.

TEXTS AND EQUIPMENT

The Government will provide the necessary texts and equipment to carry out the ROTC Program on a loan basis to the student.

RIFLE AND PISTOL TEAMS

Rifle and pistol teams will be chosen through individual competition, and will be selected to represent the ROTC in Hearst Matches, and in matches with other colleges and universities. The firing is conducted with modern small bore rifles and pistols on an indoor range.

THE BASIC COURSE

Military Instruction is of a general type applicable to the Army as a whole, and is for the purpose of providing the student with a foundation of basic military knowledge for future officers.

MILITARY SCIENCE I (101-2) (first year) (90 hours)

SUBJECT	HOURS
Organization of the Army and ROTC.....	5
American Military History.....	30
Individual Weapons and Marksmanship.....	25
School of the Soldier and Exercise of Command.....	30

MILITARY SCIENCE II, (201-2) (second year) (90 hours)

SUBJECT	HOURS
Crew-Served Weapons and Gunnery.....	40
Map and Aerial Photograph Reading.....	20
School of the Soldier and Exercise of Command.....	30

THE ADVANCED COURSE

Students who successfully complete the Basic Course may apply for enrollment in the Advanced Course. Students with previous training at an institution having a recognized ROTC unit or with former military service, may be given credit towards completion of the Basic Course. Students must pass a prescribed physical examination prior to enrollment.

In general, students selected for the Advanced Course are those who have shown, in the Basic Course, outstanding potential qualities for "Leadership and Command" and whose intelligence insures their developing into efficient officer material.

MILITARY SCIENCE III, (third year) (150 hours)

SUBJECT	HOURS
Small Unit Tactics and Communications.....	60
Organization, Function and Mission of the Arms and Services.....	30
Military Teaching Methods.....	20
Leadership.....	10
School of the Soldier and Exercise of Command.....	30

MILITARY SCIENCE IV, (fourth year) (150 hours)

SUBJECT	HOURS
Logistics.....	20
Operations.....	55
Military Administration and Personnel Management.....	25
Service Orientation.....	20
School of the Soldier and Exercise of Command.....	30

Departments of Instruction



The courses of instruction in all departments of the College of Arts and Sciences are numbered in accordance with the following plan:

Lower division courses, numbered from 100 to 299, are, in general, introductory, and basic.

Upper division courses are numbered from 300 to 399. For these courses, basic training in the same or in allied subjects is a prerequisite.

Graduate courses are numbered from 400 to 600.

The college credit allowed for a course is stated in terms of semester hours.

The following is a list of the key letters used to indicate the different courses of instruction:

Biology.....	Bl	Mathematics.....	Mt
Chemistry.....	Ch	Medical Technology.....	Md
Drawing.....	Dr	Military Science.....	MS
Education.....	Ed	Philosophy.....	Pl
English.....	En	Physical Education.....	Ped
French.....	Fr	Physics.....	Ph
German.....	Gr	Political Science.....	Psc
Greek.....	Gk	Speech.....	Ex
History.....	Hs	Sociology.....	Sl
Journalism.....	Jr	Spanish.....	Sp
Latin.....	Lt	Student Nursing.....	SN
Library Science.....	LS	Theology.....	Th



Department of Biological Sciences

Reverend John H. Mullahy, S.J., Ph.D., Chairman

Bl. 101—General Botany

The basic principles of plant morphology and physiology. The evolution, distribution, genetics and economic importance of plants are briefly considered. This course is designed primarily for education majors. Two lectures and two laboratory periods. Fall. 4 sem. hrs.

Bl. 102—General Zoology

A comprehensive study is made of typical invertebrate and vertebrate animals with emphasis on their structure, function, ecology and evolution. This course is designed primarily for education majors. Two lectures and two laboratory periods. Prerequisite: Bl. 101. Spring. 4 sem. hrs.

Bl. 103—Cultural Biology

A lecture demonstration course in the essentials of biology designed specifically as an orientation course for those whose interests lie in the sphere of the humanities. May not be used as a prerequisite for advanced courses. Fall. 4 sem. hrs.

Bl. 107-8—General Biology

An intensive study of the fundamental properties of living things, their structure, functions, classifications, life histories and evolution. This course is required for all pre-medical, pre-dental and pre-pharmacy students and biology majors. Two lectures and two laboratory periods. Fall and Spring. 8 sem. hrs.

Bl. 109 (SN)—Human Anatomy and Physiology

Lectures and demonstrations, gross and microscopic, on the structures and functions of the human body. This course is designed for nurses. Two lectures and two laboratory periods. Fall and Spring. 4 sem. hrs.

Bl. 122 (SN)—Microbiology

This course embraces bacteriological techniques, the classification and properties of important non-pathogenic and pathogenic bacteria, molds, and viruses. The principles of immunity and serology are briefly treated. This course is designed for nurses. Two lectures and two laboratory periods. Fall and Spring. 4 sem. hrs.

Bl. 201—Comparative Anatomy of the Vertebrates

Laboratory study of type vertebrates, accompanied by lectures on vertebrate phylogeny and anatomy. Two lectures and two laboratory periods. Prerequisite: Bl. 107-108 or equivalent. Fall. 4 sem. hrs.

Bl. 202—General Embryology

A study of the origin and maturation of germ cells, fertilization, and the formation of germ layers in certain typical invertebrate and vertebrate animals. Knowledge of the development of the systems of

a vertebrate is obtained by study of whole mounts and serial sections of the chick and pig. Two lectures and two laboratory periods. Prerequisite: Bl. 108. Spring. 4 sem. hrs.

Bl. 209—Mammalian Anatomy

A lecture and laboratory study presented as a basis for the understanding of human anatomy. Detailed dissection of the cat and anatomical studies of other vertebrates are included. This course is restricted to Medical Technologists. Prerequisites: 2 semesters of Biology. Summer. 4 sem. hrs.

Bl. 205-6—Anatomy, Physiology and Kinesiology

A lecture demonstration course designed to give the student of Physical Education thorough and practical knowledge of these basic sciences. Prerequisite: Bl. 101-102 or equivalent. Fall and Spring. 6 sem. hrs.

Bl. 301—Bacteriology

This course embraces bacteriological technique, the classification and study of the properties of important non-pathogenic and pathogenic bacteria. The principles of immunity, serology and virology are also considered. Two lectures and two laboratory periods. Prerequisites: General Biology and two years of Chemistry. Fall. 4 sem. hrs.

Bl. 302—General Histology

The study of the microscopic structure of tissues and organs of the mammalian body, and the study of the fundamentals of hematology. Two lectures and two laboratory periods. Prerequisite: Bl. 201. Fall and Spring. 4 sem. hrs.

Bl. 304—General Physiology

An introductory study of physico-chemical processes in cells, tissues and organs. Three lectures and one laboratory period. Prerequisite: Bl. 201 and two years of chemistry. Spring. 4 sem. hrs.

Bl. 306—Animal Microtechnique

A course in the principles and methods of preparing animal material for microscopical study. The student is given practice in fixing, embedding, sectioning, staining, and mounting tissues; the preparation of whole mounts. One lecture and three laboratory periods a week. Prerequisite: Bl. 302. Spring. 4 sem. hrs.

Bl. 314—Genetics

A comprehensive study of the facts and theories of heredity in both plants and animals. Two lectures and two laboratory periods. Prerequisite: Bl. 107-108 or equivalent. Spring. 2 sem. hrs.

Bl. 315-16—History and Philosophy of Biology

Discussion of the historical development and philosophical implications of biology. Required of all pre-medical students and biology majors. Prerequisite: Bl. 107-108 and Bl. 201. Two lectures. Fall and Spring. 2 sem. hrs.

Bl. 317—Introduction to Biological Research

Special work for advanced students, includes both library and laboratory research. Oral and written reports are required. Two semester course; grade assigned upon completion of Spring semester. Required of all seniors. 2 sem. hrs.

Department of Chemistry



Rev. Homer R. Jolley, S.J., Ph.D., *Chairman*

Two degree programs are offered by the Chemistry Department.

1. B.S.—Chemistry.
2. B.S.—with major in Chemistry.

The Chemistry Department is on the Approved List of the American Chemical Society for Professional Training in Chemistry. Students who graduate with the degree B.S.—Chemistry will be certified to the American Chemical Society as having met the standards of its Committee on Professional Training.

A student to be eligible for the Senior year of the B.S.—Chemistry degree program must have a cumulative quality point ratio of 1.6 or better at the end of his Junior year.

To be eligible for graduation with a degree B.S.—Chemistry the student must have a cumulative ratio of 1.6 or better at the end of his Senior year.

If at the end of his Sophomore year the student has a cumulative ratio less than 1.6 he may, with the approval of the Chairman, remain in the B.S.—Chemistry program on probation for the Junior year.

Those students in the B.S.—Chemistry program who have a special interest in the biological sciences, may substitute Biology 107-8 for Physics 301-3 and Chemistry 309-10 for Chemistry 314-15. History 101-2 will then be taken in the Sophomore year and Biology 107-8 in the Junior year.

In order for Freshmen to remain in course in the B.S.—Chemistry degree program, they must take Mathematics 125-257 and Physics 211-14, as indicated on Page 50, which assume some knowledge of Trigonometry. If an entering Freshman, in the judgement of the Department Chairman and the Dean, is insufficiently prepared to take Mathematics 125-257 and Physics 211-14, he will take Mathematics 123-124 in Freshman year and Physics 211-14 in Sophomore year. He must then take Mathematics 257 in Summer School in order to take Mathematics 259-260 in Sophomore year. In place of Physics 211-14 in Freshman year, he will be scheduled for History 101-2, Philosophy 201-2, or German 101-2.

Juniors and Seniors in chemistry are expected to serve as assistants. Students holding scholarships are expected to serve as assistants in the department in return for the scholarship grant. In all other cases the student's earnings are applied to his tuition expenses.

Ch. 101-2 (SN)—Chemistry for Nurses

Designed for students taking nurses' training course in hospitals. This course covers the necessary fundamentals in inorganic, organic and biological chemistry. Fall and Spring. 8 sem. hrs.

Ch. 101-2—General Chemistry

Fundamental principles of chemistry; the laws of chemical action and description of the non-metallic and metallic elements and their com-

pounds. Two lectures, one recitation, and two laboratory periods. Prerequisites: High school Algebra and Geometry. Fall and Spring.

8 sem. hrs.

Ch. 103—Chemistry for Majors in Education

A lecture-demonstration course in the essentials of chemistry for majors in Education. This course does not fulfill the requirements for any other degree program. Spring.

4 sem. hrs.

Ch. 201—Inorganic Qualitative Analysis

Detection of the common cations and anions, based on the application of chemical equilibrium as well as spot test procedures. Two lectures and three laboratory periods. Prerequisite: Ch. 101-2. Fall.

4 sem. hrs.

Ch. 202—Inorganic Quantitative Analysis

Volumetric and gravimetric analysis including acidimetry and alkalimetry, redox methods, the use of adsorption indicators and iodimetry. Descriptive information is included on colorimetry, and electrometric methods of analysis. Ionic strength and activity concepts are used throughout. Two lectures and three laboratory periods. Prerequisite: Ch. 201. Spring.

4 sem. hrs.

Ch. 204—Inorganic Quantitative Analysis for Medical Technology Majors

Volumetric and colorimetric analysis including acidimetry and alkalimetry, redox, precipitation methods including adsorption indicators, and photometry. Prerequisite: Ch. 101-2. Spring.

4 sem. hrs.

Ch. 205—Organic Chemistry

Discussion of the important compounds of the aliphatic and aromatic series and the preparation of typical compounds. For medical technology and pre-dental students only. Two lectures, one recitation and one laboratory period. Prerequisite: Ch. 101-2. Fall.

4 sem. hrs.

Ch. 206—Clinical Chemistry for Medical Technologists

An introduction to the application of analytical chemistry to biological materials most frequently examined in clinical laboratories. Two lectures and one laboratory period. Prerequisites: Ch. 204, 205. Spring.

3 sem. hrs.

Ch. 301-2—Organic Chemistry

An intensive course in organic chemistry. Two lectures, one recitation, and two laboratory periods. Prerequisites: Ch. 101-2 and 201-2. Fall and Spring.

8 sem. hrs.

Ch. 303-4—Physical Chemistry

A general survey of the subject. The course treats of the gaseous, liquid and solid states of matter, thermodynamics, the laws of solutions, chemical and physical equilibria, chemical kinetics, electrochemistry, colloids. Three lectures and two laboratory periods. Prerequisites: Ch. 201-2, Ph. 211-214, Mt. 259-260. Fall and Spring.

8 sem. hrs.

Ch. 309-10—Biochemistry

The chemistry of carbohydrates, lipids, and proteins. Tissues, blood, digestion, metabolism, and nutrition. Aspects of clinical chemistry. Three lectures and three hours of laboratory. Prerequisites: Ch. 201-2, and 301-2. Fall and Spring.

8 sem. hrs.

Ch. 311—Identification of Organic Compounds

A review of the properties of organic compounds with application to

separation of mixtures and identification of pure organic compounds. One recitation and six hours of laboratory. Prerequisites: Ch. 201-2 and 301-2. Fall. 3 sem. hrs.

Ch. 312—Advanced Organic Chemistry

Advanced laboratory techniques and important organic synthetic methods; preparation and isolation of representative compounds. One recitation and six hours of laboratory. Prerequisite: Ch. 301-2. Spring. 3 sem. hrs.

Ch. 313—Advanced Analytical Chemistry, Analysis and Instrumentation

The use of organic precipitants in inorganic analysis, electrodepositions of metals, optical methods of analysis, including spectrophotometry, and polarography. Technical methods of analysis and industrial chemical processes. Two lectures and three hours of laboratory. Prerequisites: Approval of Chairman. Fall 3 sem. hrs.

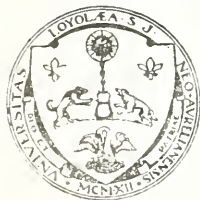
Ch. 314—Advanced Physical Chemistry

Selected topics in colloids, solutions, kinetics and quantum chemistry. A study of fractionation by extraction, distillation, chromatography, and ion-exchange. Two lectures and three hours of laboratory. Prerequisites: Approval of Chairman. Spring. 3 sem. hrs.

Ch. 315—Introduction to Chemical Research

Includes both library and laboratory work. Oral and written reports are required. Open only to Seniors who meet the requirements for a B.S.-Chemistry degree. Two-semester course. Grade assigned upon completion of Spring Semester. 2 sem. hrs.

Department of Classical and Modern Foreign Languages



Rev. Emmett M. Bienvenu, S.J., A.B., Chairman

LATIN

Lt. 101-2—Basic and Intermediate

A course intended to give the essentials of grammar. It is open to all students who wish to begin the study of the classic languages in college. The semester hours will be credited toward the completion of the total hours required for graduation. Five periods a week. Credit is dependent on the completion of Lt. 102. Fall and Spring. 6 sem hrs.

Lt. 103—Latin Poets I

Selections from Ovid's *Metamorphoses*, Virgil's *Eclogues* and *Bucolics*, Horace's *Odes* and *Epodes*. Spring. 3 sem. hrs.

Lt. 104—Latin Poets II

Selections from Virgil's *Aeneid*, Horace's *Ars Poetica*, *Epistles* and *Satires*. Fall. 3 sem. hrs.

Lt. 201—Cicero I

Selections from Cicero's Letters, de Amicitia, De Senectute. Fall.
3 sem hrs.

Lt. 202—Cicero II

Pro Milone, Verrine Orations, etc. Spring. 3 sem. hrs.

Lt. 203-4—Advanced Prose Composition

Daily translation exercises. Based on "The Gateway to Latin Composition." Fall and Spring. 6 sem. hrs.

Lt. 301—Historians of the Silver Age

Selections from Livy. Fall. 3 sem. hrs.

Lt. 302—Authors of the Silver Age

Selections from Pliny. Fall. 3 sem. hrs.

Lt. 303-S—Tacitus

Agricola and Selections from Histories. Not offered. 3 sem. hrs.

Lt. 303—Agricola of Tacitus

Not offered. 3 sem. hrs.

Lt. 304—Satires of Juvenal

Spring. 3 sem. hrs.

Lt. 305—Plays of Plautus

Terence's Phormio. Not offered. 3 sem. hrs.

Lt. 306—Selections from Pliny The Elder

Quintilian. Not offered. 3 sem. hrs.

Lt. 307—Ecclesiastical Writers

Selections from Tertullian and Lactantius. Not offered. 3 sem hrs.

Lt. 308—Confessions of St. Augustine

Not offered. 3 sem. hrs.

Lt. 309-10—Rhetorical Analysis of Cicero's Orations I and II

Fall and Spring. 6 sem. hrs.

Lt. 311—Ovid

Complete Metamorphoses. Fall. 3 sem. hrs.

Lt. 312—Virgil

Aeneid. Study of epic Latin poetry. Spring. 3 sem. hrs.

Lt. 313—Horace

Critical study of the major works of Horace. Spring. 3 sem. hrs.

Lt. 314—The Golden and Silver Ages of Latin Literature

Not offered. 3 sem. hrs.

Lt. 315—Special Research Problem for Latin majors only

Not offered. 3 sem. hrs.

GREEK

Gk. 101—Homer

A reading course in Homeric Greek. Essentials of grammar. Vocabulary. Adventures of Odysseus with the Lotus eaters and Cyclops. Fall. 3 sem. hrs.

Gk. 102—Homer

Adventures of Odysseus in the Underworld. Selections from the Iliad. Spring. 3 sem. hrs.

Gk. 103-104—Basic and Intermediate

A reading course in the gospels of St. John and St. Luke. Essentials of grammar. Vocabulary. Fall and Spring. 6 sem. hrs.

Gk. 201—Plato and Demonsthenes

Selections from Dialogues and Speeches. Fall.

3 sem. hrs.

Gk. 202—Sophocles, Antigone, Oedipus Rex, Oedipus and Colonos

Spring.

3 sem. hrs.

Gk. 203—New Testament Epistles

Selections from St. John and St. Paul. Fall.

3 sem. hrs.

Gk. 204—Greek Drama

A study of several of the plays of each of the following Greek dramatists: Aeschylus, Sophocles, Euripides, Aristophanes. Translations are employed in course, but the original text of each play read is studied in part. Fall.

3 sem. hrs.

Gk. 311—Greek Lyric Poetry

Selections from Sappho, Alcaeus, Anacreon are all studied in the original text. Spring.

3 sem. hrs.

FRENCH

Fr. 101-2—First Year College

The essentials of French. The course advances through graded reading and composition. For those who offer no language credits from high school. Three periods a week. Credit dependent upon completion of French 102. Fall and Spring.

6 sem. hrs.

Fr. 201-2—Second Year College

Review grammar, selected readings in French. Composition. Three periods a week. Credit dependent upon completion of French 202. Fall and Spring.

6 sem. hrs.

Fr. 301—Medieval Literature

A study of the poetic theories and genres of the Middle Ages. Not offered.

3 sem. hrs.

Fr. 303—Advanced French Conversation and Composition

The course is intended primarily for French majors. Prerequisite: French 202 and permission of the instructor. Fall.

3 sem. hrs.

Fr. 304—Advanced French Conversation and Composition II

Prerequisite: French 303 and permission of the instructor. Spring.

3 sem. hrs.

Fr. 308—A Survey of French Literature I

Representative masterpieces from the literatures of the XVI, XVII, and XVIII centuries. Prerequisites: French 303 and permission of the instructor. Not offered.

3 sem. hrs.

Fr. 309—A Survey of French Literature II

Representative masterpieces from the literature of the XIX century. Prerequisites: French 303 and permission of the instructor. Not offered.

3 sem. hrs.

Fr. 321—French Classicism

A thorough interpretation of the Classical ideas in prose, poetry, or drama. Prerequisites: French 303 and permission of the instructor. Fall.

3 sem. hrs.

Fr. 331—Age of Enlightenment

A literary and philosophical explanation of the ideas in the XVIII century. Spring

3 sem. hrs.

Fr. 341—Nineteenth Century

A comprehensive study and interpretation of romanticism, realism, naturalism, parnassianism, and symbolism. Not offered.

3 sem. hrs.

Fr. 351—Twentieth Century

A detailed study of the movements and ideas until 1920, with emphasis on the Catholic renaissance. Not offered. 3 sem. hrs.

Fr. 361-2

A course designed to give intensive training in particular skills to students preparing for the degree of Bachelor of Science in Education with a concentration in French. Not offered. 6 sem. hrs.

GERMAN

Gr. 101-2—First Year College

The essentials of German. The course advances through graded reading and composition. Three periods a week. Credit dependent upon completion of German 102. Fall and Spring. 6 sem. hrs.

Gr. 201—Second Year College

Review grammar, selected readings in German. Collateral readings and composition. Fall. 3 sem. hrs.

Gr. 210—Scientific German

Designed to familiarize students with the complexities of scientific German; basic science vocabulary and intensive drill in the sentence structure of learned discourse. Major emphasis is placed upon readings in the field of chemistry, physics and biology. Spring. 3 sem. hrs.

Gr. 301-2—Advanced German

History of German culture and civilization. Fundamentals of German literature. Reading and writing assignments. 6 sem. hrs.

SPANISH

Sp. 101-2—First Year College

The essentials of Spanish. The course advances through graded reading and composition. For those who offer no language credits from high school. Three periods a week. Credit dependent upon completion of Spanish 102. Fall and Spring. 6 sem. hrs.

Sp. 201-2—Second Year College

Review grammar, selected readings in Spanish. Collateral readings and composition. Fall and Spring. 6 sem. hrs.

Sp. 301—Medieval and Renaissance Literature

A comprehensive interpretation of the theories and genres of medieval and renaissance literature. Fall. 3 sem. hrs.

Sp. 303—Advanced Spanish Conversation and Composition

The course is intended primarily for Spanish majors. Prerequisites: Spanish 202 and permission of the instructor. Fall. 3 sem. hrs.

Sp. 308—A Survey of Spanish Literature I

Representative selections and masterpieces of Spanish literature to 1700. Prerequisites: Spanish 202 and permission of the instructor. Not offered. 3 sem. hrs.

Sp. 309—A Survey of Spanish Literature II

Representative selections and masterpieces of Spanish literature from 1700 to the present day. Prerequisites: Spanish 202 and permission of the instructor. Not offered. 3 sem. hrs.

Sp. 311—The Golden Age

A comprehensive interpretation of the poetry and drama. Spring. 3 sem. hrs.

Sp. 313—Cervantes

An introduction to Cervantes with emphasis on the intensive study of *Don Quixote*. Not offered. 3 sem. hrs.

Sp. 321—Nineteenth Century

A comprehensive study of the ideas and theories in poetry and drama to 1889. Not offered. 3 sem hrs.

Sp. 322—International Trade

Spring.

3 sem. hrs.

Sp. 331—The Literature of the Nineteenth Century II

A detailed study of the novel and the short story from 1830 to 1889. Not offered. 3 sem. hrs.

Sp. 341—Twentieth Century

A comprehensive interpretation of the poetry and drama. Not offered. 3 sem. hrs.

Sp. 351—A Survey of Spanish-American Literature

From the period of discovery, exploration and colonization through the Modernista Movement. Collateral reading. Not offered. 3 sem. hrs.

Department of Education and Physical Education

Rev. James F. Whelan, S.J., Ph.D., Chairman

OBJECTIVES OF TEACHER EDUCATION

Recognizing the fact that the continuity of our culture is largely conditioned by the quality of those to whom the instruction of youth is entrusted, Loyola University esteems the education of teachers as a unique privilege and a serious responsibility. It is of prime importance that the teacher should be an educated person. To achieve this goal, all prospective teachers are expected to realize the *Specific Aims of the University*. A teacher must be competent in the area in which he imparts instruction. This is achieved by making the teaching field an integral part of the field of concentration for each student preparing to teach at the secondary school level.

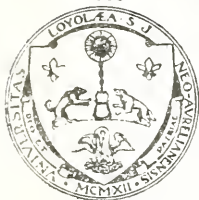
The teacher must be professionally competent. He must have an understanding of the learner, the learning process, the organization of the materials of learning, guiding the student in the learning process, methods of teaching, and the organization, administration and supervision of schools.

To achieve these objectives, the prospective teacher must be a person of moral and intellectual integrity. These qualities of character and intellect must manifest themselves in soundness and maturity of judgment in the solution of the daily problems of human life. It is expected that the prospective teacher have emotional stability and physical health, free from any serious defects, so necessary for successful work in the classroom.

EDUCATION

Ed. 100-101—Introduction to Education

An introduction to the professional education of the teacher with emphasis on observation. Fall and Spring. 6 sem.hrs.



Ed. 152—Art for Elementary School Teachers

Clay modeling, free cutting, picture study, design, printing, and decorative work. Fall. 3 sem. hrs.

Ed. 155—Geography for Elementary School Teachers

This course provides an intensive study of geography as a background for the teaching of the social studies. Spring. 3 sem. hrs.

Ed. 230—Child Psychology

The application of the laws and principles of psychology in the process of guiding and directing the growth and development of the child into adolescence. Fall and Evening. 3 sem. hrs.

Ed. 254—Children's Literature

This course includes appropriate stories and poems of the accredited Louisiana Library List from the primary through the upper elementary level. Spring and Evening. 3 sem. hrs.

Ed. 301—High School Teaching

The development, objectives, curriculum, administration, and supervision of the high school; guidance and extracurricular activities and evaluation at the high school level. Fall. 3 sem. hrs.

Ed. 302—Adolescent Psychology

The application of the laws and the principles of psychology in the process of guiding and directing the growth and development of the individual from early adolescence to maturity. Spring and Saturday. 3 sem. hrs.

Ed. 310—History of Education

The historical foundations of modern education; the aims and methods of education in our western civilization. Spring and Saturday. 3 sem. hrs.

Ed. 333—Educational Psychology

The application of psychology to the process of learning. Fall. 3 sem. hrs.

Ed. 350—Student Teaching

One semester of directed observation, participation, conferences with the Supervisor of Student Teaching and with the critic teacher, and actual teaching. The directed observation, participation, and actual teaching must total 135 clock hours; the actual teaching must be 45 clock hours. At the secondary level the student teaching must be in a subject in which the student will be certified. Prerequisites for secondary-school teaching: a point-hour ratio of 1.25 quality points in the teaching field and the successful completion of Ed. 301, Ed. 302, and Ed. 351. Prerequisites for elementary teaching: the successful completion of the junior year of the elementary-school program. There is a fee of thirty dollars for this course. Fall and Spring. 6 sem. hrs.

Ed. 351—Methods Related to Specific High School Courses

This course includes the psychology of specific high school subjects and the methods of teaching these subjects. Fall. 2 sem. hrs.

Ed. 352—The Teaching of Reading in the Elementary School

The more recent trends in reading instruction, from reading readi-

ness of the kindergarten and the first grade to the enriched reading program of the upper elementary grades. Practice will be given in determining reading levels through the use of tests in speed and comprehension. Fall. 3 sem. hrs.

Ed. 353—The Teaching of the Social Studies and English in the Elementary School

Training in the development of units on the home, community helpers, transportation, and Indians in the primary grades, through Greek, Roman and American History of the upper elementary grades. Spring. 3 sem. hrs.

Ed. 354—The Teaching of Arithmetic in the Elementary School

A review of arithmetic, the development of number concepts through insights and understandings growing out of the child's experience. The use and the interpretation of diagnostic materials and analysis of the abilities used in problem solving. Fall and Saturday. 3 sem. hrs.

Ed. 355—The Teaching of Science in the Elementary School

The offerings of nature study and the science toward the unification of the curriculum stressed through the use of visual aids. Spring and Saturday. 3 sem. hrs.

PHYSICAL EDUCATION

**Ped. 101—Physical Activity*

An introduction to fundamental activities in calisthenics, competitive, and combative sports. Fall. 2 sem. hrs.

**Ped. 102—Physical Activity*

Advanced course in calisthenics, competitive and combative sports. Spring. 2 sem. hrs.

Ped. 150—Introduction to Health, Safety, and Physical Education for Teachers Course I

First aid; general principles of health, safety, and physical education for classroom teachers. Fall. 2 sem. hrs.

Ped. 151—Introduction of Health, Safety, and Physical Education for Teachers Course II

A course for classroom teachers in the fundamentals of group activities, organization, rules and team play. Spring. 2 sem. hrs.

Ped. 160—Professional Techniques, Health, Safety and Physical Education, Course I

Basic skills, basketball. Fall. 2 Sem. hrs.

**Ped. 161—Professional Techniques, Health, Safety and Physical Education, Course II*

Basic skills, baseball. Spring. 2 sem. hrs.

Ped. 162—Principles, Organization, and Administration of Health, Safety, and Physical Education, Course I

The direction of intramural activities at the various grade levels. Fall. 2 Sem. hrs.

Ped. 187—Folk and National Dances

Not offered. 2 sem. hrs.

*For men only. Women substitute Ped. 187, Ped. 287, Ped. 381, Ped. 387, Ped. 389, Ped. 390.

**Ped. 260—Professional Techniques, Health, Safety, and Physical Education, Course III*

Basic skills, football. Not offered. 2 sem. hrs.

**Ped. 261—Professional Techniques, Health, Safety, and Physical Education, Course IV*

Basic skills, boxing and track. Not offered. 2 sem. hrs.

Ped. 262—Professional Techniques, Health, Safety, and Physical Education, Course V

Officiating. Not offered. 1 sem. hr.

Ped. 263—First Aid

A professional course for teachers of health, safety, and physical education. Not offered. 1 sem. hr.

Ped. 287—Square Dances

Not offered. 2 sem. hrs.

**Ped. 360—Professional Techniques in Health, Safety, and Physical Education, Course VI*

Football. A continuation of Ped. 260. Fall. 3 sem. hrs.

Ped. 361—Principles, Organization, and Administration of Health, Safety, and Physical Education, Course II

The management, aims, and objectives, and basic principles of the program of health, safety, and physical education. Spring. 3 sem. hrs.

Ped. 362—Health Education, Course I

The history of health education, factual information, the administration of health examinations, modern trends in health education, the supervision of the program. Spring. 3 sem. hrs.

Ped. 363—Professional Techniques in Health, Safety, and Physical Education, Course VII

Basketball. A continuation of Ped. 160. Not offered. 3 sem. hrs.

Ped. 364—Health Education, Course II

Service and instructing in health, practical applications of the principles of health, safety, and physical education for the teacher of these subjects. Not offered. 3 sem. hrs.

Ped. 381—Professional Techniques in Health, Safety, and Physical Education, Course VIII

Intramurals. Saturday. 2 sem. hrs.

Ped. 387—Tap, Character, and Soft-Shoe Dances

Saturday. 2 sem. hrs.

Ped. 389—Elementary-School Program of Physical Education, Course I

The elementary-school program at the primary level. Saturday. 2 sem. hrs.

Ped. 390—The Elementary-School Program of Physical Education, Course II

The elementary-school program at the primary level. Saturday. 2 sem. hrs.

* For men only. Women substitute Ped. 187, Ped. 287, Ped. 381, Ped. 387, Ped. 389, Ped. 390.



Department of English and Speech

Rev. Eugene J. O'Connor, S.J., Ph.D., Chairman

ENGLISH

En. 101-2 (SN)—Freshman Composition for Student Nurses
Fall and Spring. 6 sem. hrs.

En. 101—Freshman Composition
Rapid grammar review and introduction to accurate and comprehensive reading introduction to research; the research paper. Fall.
3 sem. hrs.

En. 102—Freshman Composition
Continuation of comprehensive reading; introduction to literary readings and forms; language as communication on all levels. Fall and Spring. 3 sem. hrs.

En. 201—A Survey of English Poetry and Prose
Political, intellectual, and religious background from Beowulf to the Romantics. The course is required of all Sophomores. Fall and Saturday. 3 sem. hrs.

En. 202—A Survey of English Poetry and Prose
From the Romantics to the present day. This course is required of all Sophomores. Spring. 3 sem. hrs.

En. 301—History of English Language and Grammar
The origins of the English language. The development of the grammar, vocabulary, and phonetics of modern English. The 18th and 19th century prescriptive grammarians. 20th century descriptive grammarians. Theories of levels of usage. Saturday. 3 sem. hrs.

En. 303—Chaucer
A study of the Canterbury Tales, with attention to the language and historical background. Not offered. 3 sem. hrs.

En. 306—Shakespeare's Tragedies
The theory of tragedy, the development of drama; a study of "Hamlet," "Macbeth," "Othello," "Lear." Not offered. 3 sem. hrs.

En. 307—Shakespeare's Comedies
The theory of comedy; the development of comedy with special reference to selected comedies. Not offered. 3 sem. hrs.

En. 314—Milton
A study of the background and work of the great Puritan poet. His principal prose and poetical works are thoroughly analyzed. Not offered. 3 sem. hrs.

En. 315—Dryden
A survey of his principal works—poetic, dramatic, and critical—as seen in the light of the intellectual and literary background of his age. Not offered. 3 sem. hrs.

En. 319—Newman

His commanding position in the religious and intellectual life of the nineteenth century; a study of "The Present Position of Catholics in England", "The Idea of a University", and the "Apologia Pro Vita Sua". Not offered. 3 sem. hrs.

En. 328—Sixteenth Century Poetry and Prose

The English sonnet and the development of English lyric poetry; the development of English prose. Spring and Saturday. 3 sem. hrs.

En. 329—Seventeenth Century Poetry and Prose

The prose and poetry of the period, exclusive of Milton, will be treated. Special emphasis on the School of Donne, the character writers, and the beginnings of the neo-classic age. Not offered. 3 sem. hrs.

En. 335—The Age of Pope

The principal writers of the neo-classical age, with special attention given to Pope. Not offered. 3 sem. hrs.

En. 336—Major Eighteenth Century Writers

The best satirical and didactic verse and prose of the Eighteenth Century, with chief attention being given the works of Pope, Swift, and Johnson. Not offered. 3 sem. hrs.

En. 340—English Romantic Poets

A discussion of the age and its criticism of the art and thought of the poets of the period. Emphasis will be laid on the poetry of Coleridge, Wordsworth, Byron, Keats, and Shelley. Not offered. 3 sem. hrs.

En. 341—The Romantic Poets: 1798-1832.

The principal poets of the Romantic period, including both their poetry and their prose. Wordsworth, Coleridge, Byron, Shelley, and Keats will be especially considered. The background of the period will be discussed at length. Not offered. 3 sem. hrs.

En. 343—Victorian Poetry

The greater poets of the later nineteenth century; the causes leading to the development of the thought of each; the main tendencies of modern verse traced to these earlier writers. Spring. 3 sem. hrs.

En. 344—Victorian Prose

A study of the chief prose masters of the Victorian Age exclusive of the novelists; the influence of the scientific writings of Darwin and Huxley; the religious doubts of the period as exemplified in the works of Arnold and Newman; the sociological and economic ideas of Carlyle, Ruskin, and Morris; the transition of modern times. Not offered. 3 sem. hrs.

En. 347—Modern Poetry and Criticism

The Georgian background. Developments in poetic theory and practice from World War I to the 1940's: the nature and function of poetry, critical methods and problems, kinds of critics and criticism; main trends in twentieth century British and American poetry from W. B. Yeats to Dryland Thomas. Fall. 3 sem. hrs.

En. 351—History of Drama

An historical review of the drama; the spirit and thought of each age as exemplified in the drama of the period; an outstanding example of each school thoroughly analyzed. Fall. 3 sem. hrs.

En. 355—Elizabethan Drama Exclusive of Shakespeare

The major playwrights of the period will be considered, with attention to the beginnings and development of English drama. Not offered. 3 sem. hrs.

En. 356—Restoration and Eighteenth Century Drama

A study of the trends in the history of English drama with special emphasis on Dryden, Wycherly, Farquhar, Goldsmith, and Sheridan. Not offered. 3 sem. hrs.

En. 360—Modern English Drama

A study of certain recent developments in English drama with a survey of the nineteenth century background. The closet drama, the melodrama, the thesis play, the Irish school, and recent trends will be considered. Not offered. 3 sem. hrs.

En. 380—Introduction to Bibliography and Research Method

A course designed to introduce the student to the methods and principles of English scholarship. Typical exercises and practical training will be given in the bibliography of literary study. Required of English majors. Offered. 2 sem. hrs.

En. 385—British Novel

Beginning to Hardy; the trend of thought; the change in technique; the background of philosophy. Fall and Saturday. 3 sem. hrs.

En. 386—American Poetry

A study of three centuries of American poetry. It includes the older poets, whose work lives today, but stresses the better known modern poets. Not offered. 3 sem. hrs.

En. 387—American Novel

From Cooper to Cather; the trend of thought; the change in technique; the background of philosophy. Not offered. 3 sem. hrs.

En. 388—American Literature since 1865

A survey of major literary trends since the Civil War together with a study of the more significant American writers of these years. Not offered. 3 sem. hrs.

En. 389—Major American Writers of the Nineteenth Century

An introductory course designed to focus attention on the principal ideas, issues, and personalities that influenced the growth of American literature during the 19th century. Not offered. 3 sem. hrs.

En. 390—American Literature to 1865

A rapid survey of American literary development to 1820, followed by a more detailed study of the period between 1820 and the Civil War. Not offered. 3 sem. hrs.

En. 391—The Modern Novel

A study of some of the major twentieth century novelists of England and the United States, with attention to changes in theory and technique and to the influence of continental writers. Spring. 3 sem. hrs.

SPEECH

Students majoring in Speech must take 12 semester hours in lower division courses and 18 semester hours in upper division courses to be selected from the following offerings. Speech may be taken as a major field by all students enrolled in the degree programs, Bachelor of Arts and Bachelor of Social Sciences. Education students using Speech as a Teaching Field must take Ex. 101-2, 201-2, 203-4; these courses will provide the minimum 18 semester hours and the proper subject matter required for certification in Speech. Selection of all courses must be made under the direction of the departmental advisers.

Ex. 101—Fundamentals of Speech

Study of elemental factors governing good speech content and speaking habits in address; expressive English, correct and distinct oral diction, vocal form, posture, platform manners; analysis of the relation between voice and personality; developing poise and freedom of bodily movement. Fall. 3 sem. hrs.

Ex. 102—Fundamentals of Speech

Objectives of speaking; preparation, composition and delivery of speeches; organization and development of ideas; style in the spoken word; the types of public address; oratory, argumentation, debate. Theory and practice are intermingled; practical training in debating. Spring. 3 sem. hrs.

Ex. 201—Dramatic Interpretation

Fundamentals of acting, line interpretation, establishing mood, analyzing character; detail work in pantomime. Fall. 3 sem. hrs.

Ex. 202—Dramatic Interpretation

A practical course in the technique of acting; creating a role; mental and emotional phases of the art as well as the development of technical skill; practical application of these principles and skills; stage movement, voice and line reading. Required membership in dramatic group of the University. Spring. 3 sem. hrs.

Ex. 203—Public Speaking and Debate

The types of public address and the basic forms of support; audience analysis and motivation; introduction to the principles of logic persuasion as applied in group discussions and debates; functions of the chairman, participants, audience; parliamentary law; the forum and panel types of discussion. Fall. 3 sem. hrs.

Ex. 204—Public Speaking and Debate

Introduction to the principles of argumentation as applied to debate; how to build and defend a case; reasoning and refutation. Required membership in the debating group of the University. Spring. 3 sem. hrs.

Ex. 301—Great Orators

Part one of this course presents a study of the persuasive methods of continental and British orators; part two, of great American orators, especially those of the twentieth century; analysis of selected speeches for oratorical design and style; imitation of methods in required compositions; delivery of prepared speeches; mutual criticism, discussion. Not offered. 3 sem. hrs.

Ex. 303—Discussion and Debate Direction

A study of coaching procedures and of methods of preparing for contest debating; research in background and bibliography of past and current college and high school annual debate questions. A study of the organization and direction of forums, panels, symposiums, and other discussion methods with emphasis on those best suited for radio presentation. Participation in student programs over radio station WWL. Spring. 3 sem. hrs.

Ex. 305—Business and Professional Speaking

The principles of effective speaking for business and professional discussions; sales and promotional talks; public relations interviews; speeches of explanation and instruction on current public issues. Not offered. 3 sem. hrs.

Ex. 306—Oral Interpretation of Literature

A study of the techniques of oral presentation of prose, poetry, drama; practice in the delivery of selected types; exercise for the development of tone, melody, timing, and emphasis. Fall. 3 sem. hrs.

Ex. 307—Shakespearian Theater

Studies the technical development of drama and theater from 1550 to 1642; study based on selected types and styles of plays and play-productions with special attention to the techniques of playwriting, stage and scenery design, acting and directing; emphasis on the work of Shakespeare and Johnson. Spring. 3 sem. hrs.

Ex. 308—Contemporary Theater

Studies current influences and trends of play writing and play production for amateur and professional stage; artistic and technical development from 1900 to the present; selected types and styles of plays. Fall. 3 sem. hrs.

Ex. 309—Play Direction and Production

The principles of play direction; stage composition, movement, grouping, and business; control and development of tempo, rhythm, climax; study of production problems (play selection, casting, lighting, scenery, costuming, properties, publicity) as they contribute to the unity and total effect of the play. Spring. 3 sem. hrs.

Ex. 310—Advanced Acting

A continuation of Ex. 202 for greater facility in the expression of character and emotional reaction through the study of a wide variety of roles. The presentation of an outstanding character interpretation will be required of each student. Spring. 3 sem. hrs.

Ex. 311—Radio Announcing

A studio course in the presentation of radio scripts; analysis and practice of announcing techniques; training to develop voice control, correct enunciation, timing, audience contact; survey of studio procedures and announcers' duties under studio staff direction of radio station WWL. Evening. 3 sem. hrs.

Ex. 312—Radio and Television Script Writing

Analysis of selected scripts for both media; intensive practice in the writing of scripts. Those written for radio and considered worthy of production will be broadcast over station WWL. This course must be taken by all students wishing to study construction of the One-Act Play. Evening. 3 sem. hrs.

Ex. 313—Radio Acting and Directing

A continuation of Ex. 202 to present the specialized techniques of radio acting, and of Ex. 312 to study the typical problems of radio production; each student is cast in a variety of parts and each must produce at least one show; frequent recordings for analysis and criticism of students' proficiency in acting and directing. Evening.

3 sem. hrs.

Ex. 314—Radio Programming

A course in radio program planning with emphasis on commercial and educational types. Students are required to write commercial copy for local advertisers, educational scripts for radio programs of the University, and at least one salable commercial or educational radio show. Evening.

3 sem. hrs.

Ex. 316—Preparation for a Career in Radio and Television

A course in the basic knowledge and technique for a career in radio and television. For prospective announcers, writers, and producers. Lecture periods and extensive student participation in radio and television programming. Radio and television program preparation. Radio and television continuity writing. Production of musical and dramatic programs. Interviews, special events, news casting and discussions. Evening.

3 sem. hrs.

Ex. 317—Radio and Television Program Production

A continuation of Ex. 316. A course in the special skills required for production of radio and television programs. Lecture periods and extensive student participation. Experience in planning, writing, direction, and production of radio and television programs. Evening.

3 sem. hrs.

Ex. 320—Television Drama

A practical application of acting technique in the field of television drama. Includes script study, interpretation, characterizations, voice control, facial and body expression, stage movement, and general television dramatic technique. Stress on practical application. Evening.

3 sem. hrs.

Ex. 321—Construction of the One-Act Play

A thorough study of leading one-act plays to acquaint the student with the mechanics of playwriting. Theme, Crisis, Climax and Characterization are given special attention. This course must be taken by all students wishing to study Radio Script Writing. Evening.

3 sem. hrs.

Ps. 101—Public Speaking

This course offers instruction and practice in the technique of preparing and delivering business talks. Emphasis will be placed on the use of expressive English, vocal form, posture, platform manners, developing poise, and personality. Evening.

3 sem. hrs.

Department of Journalism



Edwin P. Fricke, Ph.B., Chairman

Jr. 201—News Writing

Elements of news; the lead, style and structure of news stories; new sources; intensive practice in writing leads and the simpler types of stories. Writing done during the laboratory periods is checked and corrected and each student is offered the opportunity for personal conference with the instructor several times during the semester. Fall. 2 sem. hrs.

Jr. 202—News Reporting

A continuation of Jr. 201. Emphasis is on developing news judgment and craftsmanship along with skill in the reporting and writing of more complex types of news stories. By lecture and round table discussion, the student is taught how to understand the various types of news events, how to cover them, and how to write the story. Spring. 2 sem. hrs.

Jr. 203-204—News Editing

Lectures and intensive practice in copy reading for errors of fact, of English, and of newspaper style; headline writing; news values and policy; libel; page layouts and makeup; reader interest. Students work on the copy desk of The Loyola Maroon. Required of all who take Journalism as a field of concentration. Prerequisite: Jr. 201-202. Fall and Spring. 6 sem. hrs.

Jr. 206—Photography

Practical use of the camera with emphasis on the standard press-type camera. Theory and practice of daylight and flash exposures; developing and printing of pictures; fundamentals of composition and lighting. Editing of pictures for news and feature articles. Fall. 2 sem. hrs.

Jr. 221-222-223-224—Supervised Publication Work

Staff work on The Loyola Maroon with emphasis on writing simple news stories; covering of assigned beats. Required of all journalism students in freshmen and sophomore years. Fall and Spring. 4 sem. hrs.

Jr. 242-243—Workshop

Practice in the related fields of journalism; public relations; advertising; basic radio writing; basic television writing; printing. Fall and Spring. 4 sem. hrs.

Jr. 301-302—Newsroom Procedure

A course in advanced editing and newsroom techniques. Practical work on local papers. Practical work on The Loyola Maroon. Fall and Spring. 4 sem. hrs.

Jr. 306—Modern Feature Writing

Analysis of semi-news copy. The field for feature articles; study of newspaper feature articles for daily feature pages, Sunday magazine supplements, and special departments; magazine articles; structure and style; practice in writing features. 3 sem. hrs.

Jr. 307—Editorial Writing

Analysis of current news problems. The course seeks to correlate background social science courses and focus them on current affairs. It seeks to familiarize students with reference works and source materials bearing on the background of the news. The function of the editorial; analysis of policies; editorial structure and style; types of editorials. Intensive practice in writing editorials and interpretative articles. 3 sem. hrs.

Jr. 310—Journalism for Teachers

A course in the principles of news writing and editing for high school teachers who teach Journalistic Writing or who are in charge of high school papers. The course includes analysis and discussion of the best methods of teaching Journalistic Writing and of supervising high school publications. Summer. 3 sem. hrs.

Jr. 315-316—Advanced Newspaper Reporting

Lectures and intensive practice in reporting and writing news of local, state and federal courts; the handling of crime news; county and federal administrations; politics, finance, labor with emphasis on stories of background and survey types. Students must have at least six weeks of practice on local newspapers. Required of all who take Journalism as a field of concentration. 6 sem. hrs.

Jr. 331-332-333-334—Supervised Publication Work

Staff duty on The Loyola Maroon and practice assignments on New Orleans newspapers; conferences with the instructor. Open only to Juniors and Seniors. Required of all students taking Journalism as a field of concentration. Fall and Spring. 8 sem. hrs.

Jr. 340—History of American Journalism

Changes and developments in American newspaper work from colonial times through the re-construction period, projecting the newspaper as an institution against the background of the economic, social, and political history of the nation. Lectures, discussions, outside readings. Emphasis upon original research for term papers written by the students. 3 sem. hrs.

Jr. 341—Press and World Affairs

Political, economic, and ethical elements in the world press. Emphasis is placed on the comparison between the press in Europe and the press in the United States, considering pre-World War II conditions as well as changes and developments since World War II. The press as a factor in international affairs. A study of foreign news, the methods by which it is obtained by correspondents in various countries, and the factors affecting news from abroad. 3 sem. hrs.

Department of Medical Technology



John G. Arnold, Jr., Ph.D., Chairman

Md. 101—Introductory Medical Technology

A course designed to instruct the student in the ethics of the profession, the care and use of laboratory equipment and the principles and practice of Medical Technology. Fall. 1 sem. hrs.

Md. 102—Hematology

A thorough study of the morphology of blood and blood forming tissues with extensive laboratory work. This course will include also a thorough study of the blood parasites. Spring. 4 sem. hrs.

Md. 201—Urinalysis

A thorough study of the principles and practice of urinalysis. Fall. 4 sem. hrs.

Md. 202—Gastric and Fecal Analysis

A study of the principles and practice of gastric analysis, fecal analysis and liver function tests. Spring. 4 sem. hrs.

Md. 204—Medical Technology Physiology.

An intensive lecture and laboratory study of the relationship of Medical Technology to Mammalian physiology. This course is restricted to Medical Technologists. Prerequisite; Bl. 209. Summer. 4 sem. hrs.

Md. 301—Advanced Hematology, Serology, and Immunology

An intensive course in the theory and practice of serological and immunological reactions. A study of techniques in blood banking and an introduction to abnormal hematology will be included. Fall. 4 sem. hrs.

Md. 302—Clinical Medical Technology

A course designed to review the principles and techniques of the various phases of Medical Technology. Spring. 4 sem. hrs.

Md. 390-91—Hospital Internship

This course is a practical application of principles of Medical Technology which have been covered in the preceding courses in the Department. This course is of one calendar year duration beginning at the end of the Junior year. It is taught in various local hospitals which have been approved by the American Medical Association and the American Society of Clinical Pathologists. Practical laboratory internship experience is allowed for this course. Fall and Spring. 16 sem. hrs.



Department of History and Political Science

Rev. Charles C. Chapman, S.J., Ph.D., Chairman

HISTORY

Hs. 101—Survey of World History I

The purpose of this course is to give an introductory view of history as a whole. In this semester, early civilizations are studied in their political, economic, social, and religious aspects, and their contributions to modern civilization evaluated. Fall and Saturday.

3 sem. hrs.

Hs. 102—Survey of World History II

In this semester, past movements are coordinated with present civilization by studying the present in the light of the past. Special emphasis is placed throughout on the unity and continuity of history. Spring and Saturday.

3 sem. hrs.

Hs. 201—Survey of United States History I (1492-1865)

Discoveries and settlements; French and Indian wars; economic development; independence; the "Articles" and the "Constitution"; era of Jefferson; westward movements; the "American system"; the "reign" of Jackson; the Civil War. Fall.

3 sem. hrs.

Hs. 202—Survey of United States History II (1865-1957)

Reconstruction; economic and social developments; imperialism; agriculture vs. industry; growth of monopolies and trusts; World War I; the New Deal; American interest in world affairs; World War II; toward Internationalism. Spring and Saturday.

3 sem. hrs.

Hs. 301—Ancient History (4000 B. C.—100 B. C.)

A critical study of the beginnings and development of early history; an evaluation of the evolutionary and catastrophic theories; the historical books of the Old Testament and their relation to secular history; Judaic culture and its significance in Western Civilization; the origin and development of Eastern Civilization; Confucius, Buddhism and Hinduism. Not offered.

3 sem. hrs.

Hs. 302—Early Christian History (100 B. C.—400 A. D.)

Greco-Roman culture and Judaism in the First Century B.C.; the historical value of the books of the New Testament; the Apostolic Age as seen through the eyes of Roman, Jewish and Christian historians: Tacitus, Josephus and St. Luke; the leaven of Western Civilization; the development of the Church during the first four centuries. Not offered.

3 sem. hrs.

Hs. 303—History of Cultural Movements.

A study of the main currents of western culture particularly as reflected in the plastic arts: classicism, early Christian, Byzantine, medieval renaissance, baroque, romantic and modern periods. Continuous correlation is made with parallel political and socio-economic trends. Not offered. 3 sem. hrs.

Hs. 311—Middle Ages (400 to 1200 A. D.)

The barbarian invasions; the decline and fall of the Roman Empire; the rise of Mohammedanism; attempts at European unity; conflicts of Church and State; the Crusaders; Eastern Civilizations. Not offered. 3 sem. hrs.

Hs. 312—Renaissance and Reformation (1200 to 1600 A. D.)

The great transition period; from feudalism to nationalism; the Italian renaissance; Humanism; the Protestant Revolt and Catholic Reformation; Middle-Eastern developments; advance of Mohammedanism in Balkans, expulsion from Spain; Eastern Civilizations. Not offered. 3 sem. hrs.

Hs. 321—Modern Europe I (1500-1689)

National monarchies; empires and city-states; commercial revolution; the Protestant revolt; Charles V and Philip II; religious wars in Europe; Catholic reformation; the Stuarts and the Parliament; Age of Louis XIV; British revolution; European wars. Fall and Saturday. 3 sem. hrs.

Hs. 322—Modern Europe II (1689-1848)

French-Spanish-Dutch wars for colonial and commercial supremacy; decline of Spain; rise of Russia and Prussia; dismemberment of Poland; "benevolent despots"; "Old Regime" and the French Revolution; the Hanoverians; Napoleon; Congress of Vienna; reaction against liberalism; Holy Alliance; Metternich; Revolutions of 1848. Spring, 1959. 3 sem. hrs.

Hs. 331—Modern Europe III (1830-1900)

Policies of the Holy Alliance; Balkan revolution; political disturbances in France, Belgium; legitimists, republicans, and socialists; revolutions of 1848; Louis Napoleon; Crimean War; unification of Italy; Franco-Prussian War; the German empire; European powers in Africa and the Far East. Not offered. 3 sem. hrs.

Hs. 332—Modern Europe IV (1900-1957)

Church-state relations in Europe; Spanish-American War; commercialism and humanity; the Hague Tribunal; colonial and commercial expansion; European entanglements; World War I; postwar problems in Europe; World War II. Not offered. 3 sem. hrs.

Hs. 351—Latin American History (1492-1820)

The Latin American civilization of South America, Central America, Mexico and the Caribbean area; discovery, conquest, exploration and colonization; influence of European civilization and the Church; development of Latin American economy and culture; struggle for independence of Mexico, South America and Brazil. Fall. 3 sem. hrs.

Hs. 352—Latin American History (1820-1950)

Foundation and development of Mexico, Venezuela, Colombia, Ecuador,

Peru, Bolivia, Chili, Argentina, Uruguay, Paraguay, Brazil and the smaller nations of Middle America; Latin America and the United States; Inter-American relations. Spring. 3 sem. hrs.

Hs. 353—Middle America (pre-Columbian-1820)

An area study of the middle American region: Caribbean islands including Haiti, Cuba, Puerto Rico and Jamaica; countries of Central America: Panama, Costa Rica, Nicaragua, El Salvador, Honduras and Guatemala; Venezuela and Mexico, including political, administrative, economic, social and cultural development from pre-Columbian civilization to 1820. Not offered. 3 sem. hrs.

Hs. 354—Middle America (1820-1957)

Foundation and development of Panama, Costa Rica, Nicaragua, El Salvador, Honduras, Guatemala, Venezuela and Cuba: Development of Haiti, the Dominican Republic, Islands of the British West Indies and lesser islands and areas of the Caribbean. A continuation of Hs. 353. Not offered. 3 sem. hrs.

Hs. 361—Louisiana History

The early settlers and the French regime; the Spanish regime; the Louisiana Purchase; the State before, during, and after the Civil War; Modern Louisiana. Spring and Saturday. 3 sem. hrs.

Hs. 365—The Revolutionary Era, 1763-1789

An analysis of the British colonial system following the Peace of Paris, with emphasis upon economic, political, and cultural backgrounds of the American Revolution. The significance of the Revolution in forming American political ideas and traditions will also be stressed. Fall 1960. 3 sem. hrs.

Hs. 366—The Founding of the Republic, 1789-1815

An examination of the nature of the Constitution and the historical forces which gave it shape. Major attention will be given to the continuity of political growth and cultural patterns during the early national period, as well as to the development of the dominant theories of Hamiltonian Federalism and Jeffersonian Democracy. Spring 1961. 3 sem. hrs.

Hs. 371—History of the Far East

A history of the Far East that focuses most of the attention on the modern Far East. It concentrates on China, India and Japan. It includes enough of the ancient history to make the modern events understandable. Fall 1959. 3 sem. hrs.

Hs. 372—History of the Near East

A history of the Near East that is designed to show its relationship to both Far Eastern and European history. It will start with Biblical Records and then highlight the main events down to the present day. Spring 1960. 3 sem. hrs.

Hs. 375—The Age of Jackson, 1815-1845

A study of the emerging conflict of nationalism and sectionalism in American life, with emphasis on economic and political forces affecting the expansion of the American democratic process. The conflicting theories of Jacksonian Democracy, Manifest Destiny, and the Mexican War will be surveyed. Not offered. 3 sem. hrs.

Hs. 376—Civil War and Reconstruction, 1845-1877

A detailed examination of the forces leading to sectional conflict in 1861 and to the eventual re-establishment of the Union, with special emphasis upon the place of the Civil War in American historiography and upon the heritage of the Reconstruction period. Not offered.
3 sem. hrs.

Hs. 377—The Rise of Modern America, 1877-1918

An analysis of the emergence of the United States as a great industrial nation and as a major power in international affairs. Particular attention will be given to the development of the conservative and liberal ideologies and to the Progressive Movement as the backdrop for domestic reform and American participation in World War I. Fall.
3 sem. hrs.

Hs. 378—The U. S. Since World War I, 1918-

A study in the evolution of the United States from isolationism to involvement in World War II, and of her response to the political and economic ideologies of a world between two wars. Spring.
3 sem. hrs.

Hs. 399—Historical Theory and Bibliography

A course designed for history majors, exploring the various answers which have been given to the problem of the meaning and validity of the historical process. The contributions to historical thought by the great historians will also be surveyed. Not offered.
3 sem. hrs.

Hs. 381—History of England I

Roman Britain. Nordic invasions. Saxon England. Norman Conquest and the making of the nation. Plantagenets, Crusades, and The Hundred Years' War. Early Parliamentary development. Aristocratic anarchy, wars of the Roses. Strong Tudor monarchy. The break from Catholicism. Beginnings of overseas expansion, conflict with Spain. Fall 1959.
3 sem. hrs.

Hs. 382—History of England II

The Stuart Era, struggle between Crown and Parliament. The Protectorate. Stuart Restoration. Parliamentary Supremacy and the eighteenth-century oligarchy. Loss of American colonies. Struggle with Napoleon. Industrial Revolution. Victorian Liberalism and Reform. The New Imperialism. World Wars I and II. Labor Party. From Empire to Commonwealth. In both semester special attention is given to English literature as it complements political and social history. Spring 1960.
3 sem. hrs.

POLITICAL SCIENCE

Psc. 101—American Government I

Structure, development, powers, and limits of the federal government; underlying principles and relationships of executive, legislative, and judicial departments; organization, functions, and powers of various branches and bureaus of government; revenues, expenditures, and debts; federal regulation and control. Fall.
3 sem. hrs.

Psc. 102—American Government II

State and local governments in the United States; structure and composition; powers and limitations of the lesser governmental units; workings of the state executive, legislative, and judicial branches; state administration and finance; changing relations between the nation and the states; types of municipal organization; county, parish, township, villages, and special districts. Spring.
3 sem. hrs.

Psc. 301—Constitutional Development I

The Constitution in Embryo; the Constitutional Convention and Ratification; the Constitution in Operation; Growth of Judicial Power under John Marshall; the Eve of the Civil War; Reconstruction, the Fourteenth Amendment; Legal-Tender Cases; Business Affected with a Public Interest; Interstate Commerce. Fall. 3 sem. hrs.

Psc. 302—Constitutional Development II

The Sherman Anti-Trust Act (1890) the Income Tax on Trial; the Constitution and the Flag; Labor Cases; Railroad Regulation; Supreme Court Personnel; Wilson's "New Freedom"; Amendments; Civil Liberties and Due Process; Judicial Limits of Regulatory Power; the Supreme Court in Transition 1935-37; Attempts at Judicial Reform; Control of Industry; World War II; Judicial Trends. Spring. 3 sem. hrs.

Psc. 303—European and Comparative Government I

GREAT BRITAIN: the origin of the British Constitution; the Crown; Parliament; the Legal System; local government; problems of Empire and Commonwealth. FRANCE: The heritage of the Revolution; the Third Republic, its constitutional structure and failure; the Fourth Republic, its weaknesses and prospects; British and French Parliamentary Systems compared. Not offered. 3 sem. hrs.

Psc. 304—European and Comparative Government II

GERMANY: historical backgrounds; the Hohenzollern Empire (1871-1918); the Weimar Republic (1918-1933); National Socialism (1933-1945); Allied Occupation and control; rebirth of German political life. SOVIET UNION: historical background and communist revolution; Lenin and consolidation; Stalin in power; the Soviet government in theory and practice; communist system and the world. Comparative governments; democracy vs. dictatorship; constitutions; separation of powers; legislatures and political parties. Not offered. 3 sem. hrs.

Psc. 305—Public Administration I

A course to prepare men for higher administrative positions. The first half will cover functions and organization of administrative structure; problems of coordination and control, reorganization and decentralization; the nature of Independent Regulatory Commissions and Government Corporations; Federal-State-Local administrative interrelations. Fall. 3 sem. hrs.

Psc. 306—Public Administration II

Survey of basic problems of personnel, internal management, financial organization; forms of administrative action, public relations and democratic control. Chief means of dealing with and enforcing administrative policy; relationship of citizens and public to administrative services; values of public management and ethical problems in the public service. Talks by Federal, State and Local governmental officials. Spring. 3 sem. hrs.

Psc. 311—International Relations

A comprehensive, systematic study of the fundamental principles that govern international politics. Significant concepts that are dealt with include: international law and its natural-law basis; elements of power and the dynamics of international relations, techniques of foreign policy; revolution and the cold war, international economics, collective security. Not offered. 3 sem. hrs.

Psc. 312—International Relations

Examination of some of the more basic international issues,—political, economic and psychological—, of the contemporary world. Emphasis on the sources of U. S. conduct, Soviet conflict management, problems of imperialism and colonialism. The quest for peace, the unity of the West, the West and the world. Discussion of current international events. Not offered. 3 sem. hrs.

Department of Library Science



James W. Dyson, A.M., B.S. in L.S., Chairman

The content of these courses in school librarianship is designed to provide training essential to the operation of a modern school library. The program is planned to make it possible for teacher-librarians to satisfy the requirement of eighteen semester hours established by the Southern Association for teacher-librarians, and for the principals and teachers to study the relationship of the library to the school. The basic courses required to meet the eighteen semester hours are: Ls. 201, Ls. 202, Ls. 311, Ls. 312, Ls. 351 and Ls. 390.

Ls. 201—School Library Administration

A study of the administration and organization of school libraries; the use and development of school library service; the place of the library in the modern school; faculty-library and student-library relationships; the acquisition and care of library materials; practice in the method of processing library materials; practice in library service and procedures; the purchase of library supplies. 3 sem. hrs.

Ls. 202—Functions of the School Library

The selection and evaluation of basic reference materials essential in school libraries; methods of introducing the library and library materials to students; the principals of classification and cataloging; practice in the interpreting of materials through poster making, displays, bulletin boards. 3 sem. hrs.

Ls. 311—Selection of Books for Children

Study of the aids and standards for the selection of books for children; the reading interests of children and their relation to basic book selection; classic and current books are read and evaluated to develop ability in recognizing the literature that appeals to children; study of the types of illustrations in children's books. 3 sem. hrs.

Ls. 312—Selection of Books for Young People

Survey of literature particularly suited for the use of high school students; classic and contemporary books are read and evaluated; critical study of the reading interests of high school students and the aids and bibliographies available for book selection; relations of reading to the courses in the high school curriculum is studied. Saturday. 3 sem. hrs.

Ls. 351—The Selection of Library Materials (Grades 1-12)

The selection of a balanced collection; investigation of the various types of binding, editions, format and publishers; the evaluation of the standard reference books such as encyclopedias, dictionaries, periodical indexes, biographical dictionaries, and reference tools in special subjects. 3 sem. hrs.

Ls. 371—Audio-visual Materials

The selection, source and the use of three aids; integrating the curriculum with present holdings; the purchase, housing and care of materials. 3 sem. hrs.

Ls. 390—School Library Observation and Practice

Organized to give experience and practice in the various phases of school librarianship; includes actual work with library tools, the mechanical preparation and repair of books, teaching the use of the library. Saturday. 3 sem. hrs.



Department of Philosophy



Rev. Joseph S. Bogue, S.J., Ph.D., Chairman

Pl. 101 (S.N.)—Psychology

This course treats of the nature of the human mind, will and memory, and their activities in normal and abnormal behavior. It aims to give the student a better insight into human behavior and a better understanding of herself or himself and her or his parents. It treats of mental conflicts, complexes and abnormal behavior as a preparation for subsequent courses in psychiatry. (For student nurses only.) 3 sem. hrs.

Pl. 102 (S.N.)—Ethics

Definition, nature, object and necessity of norms of morality with special emphasis laid on nursing and medical ethics. (For student nurses only.) 3 sem. hrs.

Pl. 201—Logic

Definition and division of philosophy; acts of the mind; external expression of these acts; forms of argumentation; fallacies; logical truth; certitude; criteria of truth. Fall and Evening. 3 sem. hrs.

Pl. 202—Metaphysics I

Being, its objective concept; essence; states of being; existence; possibility, internal and external; sources of internal possibility; kinds of being; substance and accident; distinction between nature and person; attributes of being; principle of causality. Prerequisite: Pl. 201. Spring and Evening. 3 sem. hrs.

Pl. 203—Metaphysics II

Origin of the world; finality of the world; existence of God; God and the world. Prerequisite: Pl. 202. Fall. 3 sem. hrs.

Pl. 211—Survey of Ancient Philosophy

Study of pre-Hellenic, Greek, Greco-Roman, and Greco-Oriental philosophy to the Christian era. Not offered. 3 sem. hrs.

Pl. 212—Survey of Medieval Philosophy

Study of patristic and scholastic philosophy. Spring. 3 sem. hrs.

Pl. 301—Psychology

Life in general; empirical observation of vital action; the power of self-motion; purposive activity; immanency of action; scholastic concept of life; the three essentially different grades of life; the prime principle of life; the theory of evolution; the nature of the soul; the origin of the soul; the immortality of the soul; union of soul and body. Prerequisite: Pl. 202. Spring. 3 sem. hrs.

Pl. 302—General Ethics

Definition, nature, object, and necessity of ethics; subjective and objective ultimate end of man; human action; its merit and imputability; norm of morality; true and false; Law, natural and positive. Prerequisite: Pl. 203 and Pl. 301. Fall and Evening. 3 sem. hrs.

Pl. 303—Individual and Social Ethics

Man's duty to his Creator; man's duty to himself; man's duty to his neighbor; duties to property; society; domestic, civil, international, religious. Prerequisite: Pl. 302. Spring and Evening. 3 sem. hrs.

Pl. 304—Critics

Study of the mind in relation to truth; ignorance; doubt; opinion; nature and kinds of certitude; scepticism; agnosticism; materialism; positivism; idealism; rationalism; traditionalism. Prerequisite: Pl. 201. Not offered. 3 sem. hrs.

Pl. 305—Cosmology

Properties of bodies; essential constitution of bodies; atomism; dynamism; hylomorphism; hylosystemism; substantial changes; the laws of nature. Prerequisite: Pl. 202, Pl. 203. Not offered. 3 sem. hrs.

Pl. 306—Theodicy

Atheism, agnosticism, deism, theism; the essence of God; the divine attributes; the materialistic and pantheistic concept of God. Prerequisite: Pl. 202, Pl. 203. Not offered. 3 sem. hrs.

Pl. 307—St. Thomas and Law

A study of the nature and kinds of law as proposed by St. Thomas, embracing the eternal law of God, the natural law of reason and human positive law. Fall. 3 sem. hrs.

Pl. 308—Theodicy of St. Thomas

An exposition and criticism of the first three books of the *Summa Contra Gentes*: the nature of God; God the origin of creatures; God the purpose of creatures. Emphasis is placed on the Exemplarism of St. Thomas and on his Platonic heritage. Spring. 3 sem. hrs.

Pl. 311—Modern Philosophy

Transition from scholastic to modern philosophy; the development of modern philosophy thought. Not offered. 3 sem. hrs.

Pl. 312—Current Philosophical Developments

Prerequisite: Pl. 311. Not offered. 3 sem. hrs.

Department of Physics

Rev. Francis Benedetto, S.J., Ph.D., Chairman



Note: The Department of Physics offers two degree programs:

1) The program leading to the degree of **B.S.** with a major in Physics. For this program 36 semester hours in Physics courses must be attained. Towards these 36 semester hours, the following courses are obligatory: Ph. 211 through 214; Ph. 301 through 304; Ph. 307-9. The other 10 semester hours may be acquired by a choice from the following offerings: Ph. 311-12; Ph. 315-16; Ph. 331-33; Ph. 335 through 338.

2) An honors program leading to the degree of **B.S.-Physics**. Any major in Physics, who at the completion of the first semester of his Junior year have a quality point ratio of 1.8 or better in his courses so far attempted, is entitled to apply for this program and may be admitted to it by the Department. The minimum requirement for graduation with the degree **B.S.-Physics** is 51 semester hours in Physics of which the courses listed above in Program (1) are also obligatory, the remaining semester hours (25) to be attained by selecting from the other offerings of the Department. In addition the aspirants for the degree **B.S.-Physics** will be required to submit to the Department one advanced report on a specific project which they have undertaken with the advice of the Department. A quality quotient of 2.0 or better in Physics and Mathematics is required for graduation with "Honors" in B.S.-Physics.

Ph. 103—Introductory Physics

A lecture-demonstration course designed specifically as an orientation course for those whose interests lie in the sphere of the humanities and to aid in their interpretation of their immediate physical environment. From time to time rigorous laboratory exercises are assigned. Saturday. 4 sem. hrs.

Ph. 201-3—General Physics

The principles of mechanics, heat, sound, light, magnetism, electricity, and fundamentals of atomic physics constitute this course. Three lectures each week. Prerequisite: Mt. 123-124 or 151-152. Fall and Spring. 6 sem. hrs.

Ph. 202-4—General Physics

Laboratory course. About fifty graded experiments in mechanics, heat, sound, light, magnetism, and electricity. Fall and Spring. 2 sem. hrs.

Ph. 211-13—General Physics

An intensive course in general physics. It is intended for students whose major fields of concentration are chemistry, mathematics, or physics, as well as for pre-engineering students. The objectives of this course is a thorough grounding based on rigorous mathematical treatment in the fundamentals of mechanics, wave motion, sound, heat, light, magnetism, electricity, and molecular physics. Minimum prerequisite: Mt. 125-257. Fall and Spring. 8 sem. hrs.

Ph. 212-14—General Physics

A companion laboratory course of about fifty selected experiments to Ph. 211-13. Two laboratory periods each week. Fall and Spring. 2 sem. hrs.

Ph. 301-3—Electricity and Magnetism

A lecture course giving an extended and mathematical treatment of the theory and practical applications. Three lectures per week. Prerequisites: Ph. 211-14, Mt. 257-259. Fall and Spring. 6 sem. hrs.

Ph. 302-4—Electrical Measurements

Laboratory work in electricity and magnetism. Coordinated with Ph. 301-303 and having the same prerequisites. Two laboratory periods. Fall and Spring. 4 sem. hrs.

Ph. 307-9—Analytical Mechanics

The elementary theory of the statics, kinetics, and dynamics of particles and rigid bodies. Three lecture periods. Prerequisites: Same as for Ph. 301-303. Fall and Spring. 6 sem. hrs.

Ph. 311—Optics

The fundamental principles of geometrical and physical optics, with an introduction to modern theories of radiation. Prerequisite: Same as for Ph. 301-303. Three lecture periods. Not offered. 3 sem. hrs.

Ph. 312—Optical Measurements

This is a laboratory course to accompany Ph. 311. It includes measurements on the index of refraction, spectrometry (visible spectrum), focal length of converging lenses and lens systems, lens aberrations, interference, photometry, polarized light. Two laboratory periods. Not offered. 2 sem. hrs.

Ph. 315—Heat and Thermodynamics

First and second law of thermodynamics, with special application to the problems of chemistry. Prerequisite: Same as for Ph. 301-302. Three lecture periods. Fall. 3 sem. hrs.

Ph. 316—Laboratory Course in Heat

This course is intended as a laboratory course to accompany Ph. 315. Two laboratory periods. Fall. 2 sem. hrs.

Ph. 319—Sound

The dynamics of vibrating bodies; transmission of sound; architectural acoustics, loudspeakers, and microphones; characteristics of speech and hearing. Prerequisites: Same as for Ph. 301-302. Three lecture periods. Spring. 3 sem. hrs.

Ph. 320—Laboratory Work in Sound

The course is designed to illustrate by experiment the principles of Ph. 319. Two laboratory periods. Spring. 3 sem. hrs.

Ph. 321-2—Survey of Physical Methods and Instrumentation

A combined lecture and laboratory course in the basic theory and practice of methods and measurements in such phases of Electricity,

Optics, Heat, Electronics, and Nuclear Physics as to introduce the industrial scientist to the intelligent use of the physical instruments common to the profession. Prerequisite: Ph. 211-214; Mt. 257-259. Three sessions each week. Not Offered. 4 sem. hrs.

Ph. 331-33—Atomic Physics

The origin and development of some of the more important concepts of Physics with special emphasis on the theories and developments of the last half century. Prerequisite. Ph. 335-7, prior or simultaneously. Two lectures and five hours laboratory per week. Fall and Spring.

6 sem hrs.

Ph. 335-337—Electronics and Radio Physics

The electron and its properties; thermionic and photo-electric. emission; radio transmission and receiving circuits and apparatus. Prerequisite: Ph. 301-303, Mt. 352. Three lecture periods. Fall and Spring.

6 sem. hrs.

Ph. 336-338—Practical Electronics and Radio Physics

A laboratory course designed to accompany and illustrate Ph. 335-336. Two laboratory periods each week. Fall and Spring. 4 sem. hrs.



Department of Mathematics

Rev. John F. Keller, S.J., M.S., Chairman

A student may receive credit in only one of the courses: Mt. 111, 117, 123 or 125; in only one of Mt. 124 or 130; in only one of Mt. 235 or 257; in only one of Mt. 253, 258 or 259; in only one of Mt. 254 or 260.

The following sequences of courses are to be noted: Mt. 123, 124, 257, 258 and 260; Mt. 125, 257, 259 and 260; and for Summer Sessions only Mt. 117, 235 253 and 254.

Mt. 111-112—Fundamental College Mathematics

A course covering the usual topics of classical College Algebra and some topics from Modern Algebra. Topics such as the following are covered: addition, subtraction, multiplication, and division of monomials and multinomials special products and factors; fractions; solutions of systems of linear equations; graphs; exponents and radicals; logarithms; systems of quadratic equations; the binomial theorem; theory of sets and subsets; vectors and matrices; stochastic processes Markov chains; linear programming and the theory of games. This course is taken by those freshmen who will take no further courses in Mathematics. Fall and Spring. 6 sem. hrs.

Mt. 117—College Algebra

A thorough course in traditional College Algebra. This course is usually taken concurrently with Mt. 130 and together with that course forms a basis for the sequence: Mt. 235, Mt. 253, and 254 or for the sequence: Mt. 257, 258, and 260. Summer. 3 sem. hrs.

Mt. 123-124—Unified College Algebra and Trigonometry

A thorough course in College Algebra unified with the elements of Plane Trigonometry. This course is taken by those freshmen who have a good foundation in mathematics at the secondary level.

Fall and Spring. 6 sem. hrs.

Mt. 125—Unified College Algebra and Trigonometry

A thorough course in College Algebra unified with the elements of Plane Trigonometry. This course is taken by those freshmen who have a good foundation in mathematics at the secondary level and who will major in Mathematics or in the Physical Sciences. Fall.

5 sem. hrs.

Mt. 130—Plane and Spherical Trigonometry

Summer.

3 sem. hrs.

Mt. 151-152—Mathematical Analysis

A combined course integrating all of the usual topics of traditional and modern algebra, trigonometry, analytic geometry, differential and integral calculus. This course is offered to pre-medical, pre-dental, and pre-pharmacy students. Fall and Spring.

6 sem. hrs.

Mt. 232—Elementary Surveying

Theory and practice of plane and topographic surveying. Introductory exercises in the use of the tape, transit and level; a complete topographic survey of a given area using the stadia method and plane table; engineering astronomy for the determination of azimuth, time and latitude. Spring.

3 sem. hrs.

Mt. 235—Plane Analytic Geometry

Summer.

3 sem. hrs.

Mt. 253-254—Calculus I and II

A thorough course in differential and integral calculus which does not include Analytic Geometry and, therefore, presupposes Mt. 235. Summer.

6 sem. hrs.

Mt. 257—Analytic Geometry and Calculus I

The first of three semesters of a very thorough course in Calculus combining the elements of Plane Analytic Geometry. This course is taken in the Fall by those Sophomores who took Mt. 123-124 in their freshman year. It is also taken in the Fall by those Freshman who enter with exceptional secondary training in mathematics. It is taken in the Spring by those students who were allowed to take Mt. 125 in the Fall of their freshman year. This course is offered every semester.

5 sem. hrs.

Mt. 258—Analytic Geometry and Calculus II

The second of three semesters of the thorough course in Calculus and Analytic Geometry for those students who took Mt. 257 in the Fall. Spring.

5 sem. hrs.

Mt. 259—Analytic Geometry and Calculus II

The second of three semesters of the thorough course in Calculus and Analytic Geometry for those students who took Mt. 257 in the Spring. Fall.

3 sem. hrs.

Mt. 260—Analytic Geometry and Calculus III

The third semester of the combined course for all students. This course is offered every semester.

3 sem. hrs.

Mt. 310—Introduction to Modern Algebra

A three-hour course covering the elements of Modern Algebra.

Summer.

3 sem. hrs.

*Mt. 311-312—Introduction to Modern Algebra*A thorough course in Modern Algebra based on Birkhoff and MacLane's: *An Introduction to Modern Algebra*. Fall and Spring.

6 sem. hrs.

Mt. 324—Algebra of Vectors and Matrices

Spring.

3 sem. hrs.

*Mt. 343-344—The Mathematical Theory of Probability*Permutations and combinations, mathematical probability, joint distributions, repeated trials, normal distributions, moments, limit theorems, the Poisson distributions. A course based on Munroe's *Theory of Probability*. Fall and Spring.

6 sem. hrs.

Mt. 347-348—Elementary Mathematical Statistics

Histograms; the statistical constants; the normal law; trends; methods of least squares; correlation, regression and index numbers.

Fall and Spring.

6 sem. hrs.

Mt. 352—Ordinary Differential Equations

Spring.

3 sem. hrs.

*Mt. 361-362—Advanced Calculus*A thorough course in Advanced Calculus based on Kaplan's: *Advanced Calculus*. Fall and Spring.

6 sem. hrs.

Mt. 391—Vector Analysis

Addition and multiplication, differentiation and integration of vector quantities, differential geometry, gradient, divergence and Gauss' Theorem, Curl and Stokes' Theorem, Green's Theorems, various coordinate systems and general curvilinear coordinates. Applications.

Fall.

3 sem. hrs.

DRAWING

Dr. 133-134—Elementary Mechanical Drawing

Lettering; applied geometry; orthographic projections; auxiliary views; revolutions; isometric and oblique projections; developements.

Fall and Spring.

6 sem. hrs.

Dr. 231—Descriptive Geometry

Orthographic drawing; auxiliary views; point-line-plane problems; revolution; concurrent non-coplanar forces; curved lines and surfaces; practice and drafting-room problems. Fall.

3 sem. hrs.

Department of Sociology



Rev. Joseph H. Fichter, S.J., Ph.D., Chairman

Sl. 101—Introductory Sociology

Basic concepts and empirical data concerning human relations in society. Fall and Saturday. 3 sem. hrs.

Sl. 102—Social Institutions

Study of social processes, community life and major institutions. Spring. 3 sem. hrs.

Sl. 108—S.N. Sociology for Nursing Service

An introductory course in sociology designed to acquaint the nursing student with the fundamental concepts, principles, and generalizations of sociology. Empirical emphasis is placed in typical social situations and problems the nurse encounters in her practice. 3 sem. hrs.

Sl. 205—Social Problems I

Maladjustments centered in the American industrial economy and flowing from it. Fall and Saturday. 3 sem. hrs.

Sl. 206—Social Problems II

General course in social problems with emphasis on delinquency, health, child welfare, race relations and populations. Spring. 3 sem. hrs.

Sl. 301—Urban Sociology

The development of institutional adjustments to modern city life. Fall. 3 sem. hrs.

Sl. 303—The Family

Sociological analysis of trends and processes in the Western family system. Not offered. 3 sem. hrs.

Sl. 305—Introductory Social Service

Christian social values and influences in the field of professional social work. Not offered. 3 sem. hrs.

Sl. 306—The Functional Society

A study of social reconstruction based on the analyses of Durkheim and the social encyclicals. Fall. 3 sem. hrs.

Sl. 311—Group Conflict and Cooperation

A course in social psychology treating the major areas of group relations. Not offered. 3 sem. hrs.

Sl. 312—Social Psychology

The development of personality through social relations; the motivation and control of social behavior. Not offered. 3 sem. hrs.

Sl. 313—Race Relations

Survey of scientific findings on race; an analysis of contemporary trends in racial and ethnic dynamics. Spring. 3 sem. hrs.

Sl. 314—Sociology of Women

The function, role and status of women in the various social structures. Not offered. 3 sem. hrs.

Sl. 318—Rural Sociology

The development of agricultural industry and rural communities. Not offered. 3 sem. hrs.

Sl. 319—Crime and Juvenile Delinquency

A scientific approach to the causes, prevention and correction of criminality. Spring. 3 sem. hrs.

Sl. 322—Contemporary Sociological Theorists

From Comte to the present time. Spring. 3 sem. hrs.

Sl. 325—Social Statistics

Introduction to the use of statistics as a research instrument in social science. Not offered. 3 sem. hrs.

Sl. 326—Methods of Social Research

Principles and objectives, planning techniques and interpretation in social research. Fall. 3 sem. hrs.

Sl. 327—Sociology of Religion

A survey course in the structure and functions of religious groupings with specific references to American empirical studies. Spring. 3 sem. hrs.

Sl. 331—Cultural Anthropology

The origins and distribution of cultures. Traditional customs and institutions in persisting social groups. Not offered. 3 sem. hrs.

Sl. 332—The Simple Community

A comparative analysis of several contemporary minor culture areas. Not offered. 3 sem. hrs.

Sl. 340—Social Structure

An analytical study of social relationships; elaboration of three major foci: status, group, institution; empirical emphasis upon the structure of American society. Not offered. 3 sem. hrs.

Sl. 342—Social Change

Analysis of definitions, modes, forms, patterns and determinants of social change; critical review of systematic theories; study of selected empirical problems. Not offered. 3 sem. hrs.

Sl. 343—Industrial Sociology

A study of social relations and structures in the economic system. Fall. 3 sem. hrs.

Department of Theology



Rev. H. James Yamauchi, S.J., S.T.D., *Chairman*

Th. 105—Four Gospels and Life of Christ

Fall.

2 sem. hrs.

Th. 106—The Magisterium of the Church: Founding of Church: Teaching Authority of Church

Spring.

2 sem. hrs.

Th. 209—Principles of Catholic Morality; the Church's Authority in teaching Sound Morality

Fall.

2 sem. hrs.

Th. 210—Dogma I: Mysteries of Faith, Trinity, Original Sin, Incarnation and Redemption

Spring.

2 sem. hrs.

Th. 309—Dogma II: Supernatural Life: Role of Holy Ghost; Actual and Sanctifying Grace, Supernatural Virtues

Fall.

2 sem. hrs.

Th. 310—Dogma III: Sacramental Life, Supernatural Life as Channelled Through the Sacraments (Matrimony excluded)

Spring.

2 sem. hrs.

Th. 311—Catholic Marriage: Dogmatic, moral, and canonical explanation of the Sacrament of Matrimony

Fall.

2 sem. hrs.

Th. 312—Dogma IV: Eschatology. Final End of Man in Beatific Vision or Frustration of That End in Hell

Spring.

2 sem. hrs.



Department of Radio and Television

RADIO STATION WWL

The history of Radio Station WWL goes back to the early days of radio pioneering in this country. The University's radio station grew out of experiments in the laboratory of the Physics Department and presented its first broadcast from Marquette Hall on the university campus in 1922. It has grown and developed and extended the scope of its usefulness until at the present time it is one of the relatively few 50,000-watt clear channel broadcasting stations in the country. The WWL radio station operates as a department of the university in cooperation with the speech and English departments.

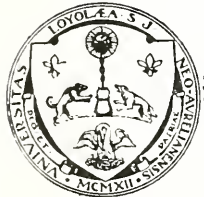
The university presents many and varied programs. The *Faculty Panel* presents timely subjects each week. *University Time*, a weekly program over the air, features radio plays and dramatizations composed, produced and directed by students of the University and personnel of the radio station. *Education Today* is a fifteen minute interview program featuring faculty members discussing their fields of study. *Majoring in Music*, a quarter hour recital program featuring students and faculty of the College of Music. *Loyola Presents* is a fifteen minute musical variety show presented by Loyola students featuring top talent from all departments of the University. **Each day a religious program is presented over the air titled *Thought for a Day*.**

Courses are offered in the field of radio including Radio Announcing, Radio Script Writing, Radio Acting and Directing and Radio Programming. These courses are given both on the University Campus and the downtown studio of WWL by members of the staff.

TELEVISION STATION WWL-TV

On September 7, 1957 the University opened its Television Studios. WWL-TV was assigned Channel 4 by the Federal Communications Commission. It is operated as a very high frequency channel of 100,000 watts. Like WWL-Radio the Television station is affiliated with the Columbia Broadcasting System.

The studios that are the most modern in equipment and facilities will be opened to the Loyola students. There will be courses conducted in programming, announcing, engineering, sales, and the psychology of advertising. There will also be courses in dramatics for those who wish to enter the field of television as entertainers. At the present time these courses are listed under the Department of Speech.

The seal of Loyola University is circular, featuring a central shield with a cross and a sunburst. The shield is flanked by two lions. The text "LOYOLA S. J." is at the top, and "MCMXII" is at the bottom. The words "UNIVERSITAS" and "NOVARE" are also visible.

The Graduate Division of Arts and Sciences Education

Rev. James F. Whelan, S.J., Ph.D., Chairman

PURPOSE

The Graduate Division of the Department of Education is organized to offer advanced courses to members of the teaching profession for the purpose of understanding and analyzing the fundamental problems involved in the work of teaching, to acquire proficiency in the techniques of such understanding and analysis, and to become acquainted with the attempts of others toward the solution of these problems.

ADMISSION

The Graduate Division of the Department of Education offers courses of instruction leading to the degree of Master of Education for properly qualified students who have been admitted either as classified or unclassified students in the Graduate Division of the Department of Education. Applications for admission must be filed with the Registrar of the College of Arts and Sciences one month before the

beginning of the session when the student plans to begin graduate work. The application for admission must be accompanied by an official transcript of all undergraduate and graduate work completed at the time at which the application was made. The Graduate Record Examination is a prerequisite for admission.

A. A classified student is one who received the Bachelor's degree from a recognized college, who has no prerequisite undergraduate work to make up, who has completed the upper division work satisfactorily (i.e. with a mark of "B" or better) in the undergraduate major, who is following a program of studies leading to an advanced degree, and who has been admitted by the Executive Committee of the Department of Education as a classified graduate student.

B. An unclassified student is one who has received a degree from a recognized college and whose registration is for some reason considered provisional. An unclassified student may be one who does not intend to apply for an advanced degree but who is properly admitted and who desires to follow advanced courses of instruction. An unclassified student may be one who has prerequisite undergraduate courses to make up before being admitted to the classified status.

NOTE

An undergraduate student of Loyola University who lacks not more than six semester hours of credit for a Bachelor's degree and who has attained an average of "B" or better in the upper division work of his undergraduate major may, upon the recommendation of his Dean and with the approval of the Executive Committee of the Department of Education, register for a maximum of six semester hours of graduate work provided that he meets all other requirements for classified students and provided that the total program of courses for credit and non-credit in graduate and undergraduate work does not exceed twelve semester hours.

C. Only the Executive Committee of the Department of Education has the final right to admit to the Graduate Division of the Department of Education. Hence the registration of an applicant is to be considered provisional and the determination of his status as tentative until such time as the Executive Committee has given its full and final approval.

D. A classified graduate student is admitted to candidacy for the degree of Master of Education by the Executive Committee of the Department of Education. A student desiring to be admitted to candidacy must file his application for candidacy for the degree at a date not later than two weeks after the opening of the semester in which the degree is sought. This application is made on special blanks provided by the Chairman of the Department of Education. Admission to candidacy for the degree of Master of Education shall not take place until the student shall have shown aptitude during a semester (twelve semester hours) to accomplish work of graduate character.

E. A foreign candidate for admission to Loyola University must take the English proficiency examination prepared by the Department of State. He should communicate with the United States diplomatic mission or consular office, cultural center of scholarship selection committee, nearest his home regarding arrangements for taking the test.

ADVANCED STANDING

Loyola University does not confer a degree upon anyone who has not completed an entire academic year of satisfactory work under the guidance of the University. For the integration of the graduate program, the student must take all of his graduate courses for his Master's degree at Loyola University. A maximum of six semester hours, however, may be accepted in exceptional instances by the Executive Committee of the Department of Education.

LIMIT OF TIME

Work completed more than six years before the date on which the Master's degree is to be conferred will not be accepted in fulfillment of requirements for the degree.

RESIDENCE

For the degree of Master of Education, one academic year of residence is required in a program of at least 30 semester hours of graduate work. This work must include one semester, or its equivalent in summer terms, as a full-time student. Ordinarily two summer terms will be interpreted as meeting this minimum requirement. Not more than twelve semester hours may be scheduled by a full-time student in any one

semester. A part-time student may schedule only one-half this amount of work. In summer school not more than four semester hours may be scheduled in a six-week term.

COURSE REQUIREMENTS

The candidate must complete thirty semester hours of graduate work in course with a passing mark in each course. The mark "A" indicates excellent work, the mark "B" indicates superior work, the mark "C" indicates acceptable or satisfactory work. The only mark below "C" is "F". The mark "F" indicates that the work is unsatisfactory for graduate credit. A point-hour ratio of 1.00 for graduate work is required for the Master's degree. This computation is based upon three quality points for an "A", two quality points for "B", one quality point for a "C", and one minus quality point for a "F" per semester hour earned or attempted.

COURSE PROGRAM

The student's program is planned with his adviser from the full curriculum of graduate courses. Approximately one-third of the courses should be in one specific area, such as elementary education, or secondary education or administration. This program is subject to the approval of the Executive Committee of the Department of Education. The program will include the following courses:

Ed. 401	Philosophy of Education
Ed. 410-411	History of the Theories of Education
Ed. 490	Methodology of Educational Research
Ed. 491-492	Statistics in Education

COMPREHENSIVE EXAMINATION

A comprehensive written and oral examination covering the major field of work shall be passed by the candidate. Each candidate must pass the written comprehensive examination before permission is given to register for the oral examination. When the degree is deferred pending another examination, the next examination must be postponed for a minimum of one semester, or for a longer period at the discretion of the Committee in Charge of the Candidacy. The second examination for the Master's degree is final. If unsuccessful, no further examination will be allowed.

FEES

Fees for the college of Arts and Sciences apply to the Graduate Division of the Department of Education.

COURSES

<i>Ed. 401—Philosophy of Education.</i>	Fall.	2 sem. hrs.
<i>Ed. 402—Philosophical Foundation of Education I.</i>		2 sem. hrs.
<i>Ed. 403—Philosophical Foundation of Education II.</i>		2 sem. hrs.
<i>Ed. 406—Educational Sociology.</i>		2 sem. hrs.
<i>Ed. 407—Naturalism in Education.</i>		2 sem. hrs.
<i>Ed. 410—Theories of Education I.</i>	Fall.	2 sem. hrs.
<i>Ed. 411—Theories of Education II.</i>	Spring.	2 sem. hrs.
<i>Ed. 420—School Administration: Elementary.</i>	Spring.	2 sem. hrs.
<i>Ed. 421—School Supervision: Elementary.</i>	Fall.	2 sem. hrs.
<i>Ed. 422—School Administration: Secondary.</i>	Fall.	2 sem. hrs.
<i>Ed. 423—School Supervision: Secondary.</i>	Spring.	2 sem. hrs.
<i>Ed. 424—School Administration: Public Relations.</i>		2 sem. hrs.
<i>Ed. 425—Federal Relations to Education.</i>		2 sem. hrs.
<i>Ed. 426—Organization and Administration of Public Education in the U. S.</i>		2 sem. hrs.
<i>Ed. 427—School Supervision: Current Problems.</i>		2 sem. hrs.
<i>Ed. 428—School Administration: Legal Foundations.</i>		2 sem. hrs.
<i>Ed. 429—School Administration: Legal Problems.</i>		2 sem. hrs.
<i>Ed. 430—Empirical Educational Psychology I.</i>	Spring.	2 sem. hrs.
<i>Ed. 431—Empirical Educational Psychology II.</i>	Fall.	2 sem. hrs.
<i>Ed. 432—The Psychology of Elementary-school Subjects.</i>	Prerequisite: Ed. 430 and Ed. 431.	2 sem. hrs.
<i>Ed. 433—The Psychology of Secondary-school Subjects.</i>	Prerequisite: Ed. 430 and Ed. 431.	2 sem. hrs.
<i>Ed. 440—The Elementary-school Curriculum.</i>	Spring.	2 sem. hrs.

- Ed. 441—Current Practices in Elementary-school Subjects.* 2 sem. hrs.
- Ed. 442—Problems in Elementary Education.* 2 sem. hrs.
- Ed. 443—Diagnostic and Remedial Instruction in Elementary-school Subjects.* Spring. 2 sem. hrs.
- Ed. 450—The Secondary-school Curriculum.* Spring. 2 sem. hrs.
- Ed. 451—Problems in Secondary Education.* 2 sem. hrs.
- Ed. 459—Seminar, Secondary Education.* Fall. 2 sem. hrs.
- Ed. 460—Developmental and Remedial Reading.* Fall. 2 sem. hrs.
- Ed. 461—Clinic in Developmental and Remedial Reading.* Fall. 2 sem. hrs.
- Ed. 462—Problems of Behavior.* 2 sem. hrs.
- Ed. 463—Audio-visual Aids.* Fall. 2 sem. hrs.
- Ed. 464—Factors of Efficiency in Teaching.* 2 sem. hrs.
- Ed. 473—Analysis of the Individual III; Practicum in Occupational Testing.* 2 sem. hrs.
- Ed. 474—Educational and Occupational Information.* 2 sem. hrs.
- Ed. 480—Constitutional Law.* 2 sem. hrs.
- Ed. 490—The Methodology of Educational Research.* Spring. 2 sem. hrs.
- Ed. 491—Statistics I.* Fall. 2 sem. hrs.
- Ed. 492—Statistics II.* 2 sem. hrs.
Prerequisite: Ed. 490 and Ed. 491. Spring.
- Ed. 493—Research Analysis.* 2 sem. hrs.
Prerequisite: Ed. 491.
- Ed. 494—Research Seminar.*

Biology



Rev. John H Mullahy, S.J., Ph.D., Chairman

The program of graduate study in biology is being initiated at Loyola University as part of the current science Teaching Improvement Program of the American Association for the Advancement of Science.

It is a program primarily designed to provide a broad training in the biological sciences for those who aspire to be teachers and for those who wish to improve their biological background by additional subject matter. This program is open to men and women who hold a bachelor's degree from any accredited college or university. The studies in this program will also provide an excellent preparation for those who plan to devote themselves to advanced studies and biological research. Graduate work is offered in the following fields: Bacterial Physiology; Cytology; Ecology; Endocrinology; Field Zoology; General Physiology; Immunology; Limnology; Parasitology; Phycology; Taxonomy; and Virology.

PURPOSE

The Graduate Division of the Department of Biological Sciences provides facilities for advanced courses in each of the three branches of that Department. At the present time these courses lead to the Master of Sciences degree in Biological Sciences.

ADMISSION

Any student who has a Bachelor's degree from a recognized college and has undergraduate training in general biology, general bacteriology and organic chemistry may qualify for the Master of Science degree.

Admission classification is the same as that prevailing in the Graduate School of Education; the Executive Committee of the Department of Biological Sciences has the final right to admit to the Division.

The candidate must demonstrate, by written examination if necessary, that he has a reading knowledge of at least one

modern foreign language. In all cases the Executive Committee of the Department of Biological Sciences will determine this necessity.

Properly qualified candidates for the degree of Master of Education may elect a maximum of 10 semester hours of graduate work in the Biological Sciences as part of their degree requirements.

The same policies prevailing in the Graduate School of Education apply to this Division. In rare instances the Executive Committee of the Department of Biological Sciences may accept up to six semester hours of graduate credit from other recognized institutions.

BIOLOGY FOR TEACHERS

Elementary and secondary school teachers who have completed one or more undergraduate courses in Biology may elect Bl. 432 and Bl. 433 for graduate credit.

RESIDENCE

Requirements are the same as those in the Graduate School of Education.

COURSE REQUIREMENTS

All students in the Division of Biological Sciences are obliged to take the Graduate Record Examination at least six months before graduation.

Marks and computation of grades are the same as those in the Graduate School of Education.

COURSE PROGRAM

Along with the course requirements noted above, the candidate must present an acceptable thesis based at least partially on original research. This thesis must be completed and accepted by the Executive Committee of the Department one month before the date of graduation.

FEES

Full tuition (8-12 hours).....	\$225.00 per semester
Part-time courses	\$ 25.00 per semester hour

Those taking seven hours or less have additional fees as found on page 32 of this bulletin.

COURSES FOR QUALIFIED SENIORS AND GRADUATE STUDENTS

Bl. 401—Bacterial Physiology

Lectures, assigned reading, and discussion dealing with the chemistry and physiology of microbial cells. Prerequisite: Bl. 301. Fall.

4 sem. hrs.

Bl. 402—Immunology

Advanced work on the biochemical nature of antigens, antibodies and immune globulin. Laboratory work will cover Serological techniques and use of experimental animals. Prerequisite: Bl. 301. Spring.

4 sem. hrs.

Bl. 403—Cytology

Study of nuclear and cell division in plants and animals. Chromosome structure and function is emphasized. Prerequisite: General Biology. Fall.

4 sem. hrs.

Bl. 404—Phycology

A survey of the algae including both marine and freshwater forms. Prerequisite: General Botany. Spring.

4 sem. hrs.

Bl. 405—Plant Anatomy and Microtechnique

Selected aspects of the systematics, anatomy, and reproduction of the Bryophyta and Tracheophyta. Laboratory work will include modern techniques in the preparation of plant tissues for microscopical study. Prerequisite: General Botany. Fall.

4 sem. hrs.

Bl. 406—Taxonomy of Flowering Plants

History of botanical systematics along with collection, identification and preparation of herbarium specimens of angiosperms common in the New Orleans area. Prerequisite: General Botany. Spring.

4 sem. hrs.

Bl. 407—Limnology

A study of the physical, chemical, and biological factors determining biological productivity in inland waters. Field study of local lakes and streams gives the student experience in the use of methods and instruments for environmental analysis. Two lectures and six hours of laboratory or field work per week. Prerequisite: General Biology. Fall, on alternate years.

4 sem. hrs.

Bl. 408—Animal Ecology

The relationships of animals to each other, to plants, and to the physical and chemical factors of the environment. Two lectures and six hours of laboratory or field work per week. Prerequisite: General Biology. Spring, on alternate years.

4 sem. hrs.

Bl. 410—Field Zoology

The taxonomy, life histories and general ecological relationships of the common animals (exclusive of the terrestrial insects, the birds, and the mammals) of South Louisiana and the New Orleans area particularly. Two hours lecture and six hours laboratory or field work per week. Prerequisite: General Biology. Spring.

4 sem. hrs.

Bl. 411—General Parasitology

A study of parasites in relation to disease. The various types of parasites, their life histories, and the conditions which they cause will be considered. Prerequisite: General Biology. Fall.

4 sem. hrs.

Bl. 415-16—Advanced General Physiology

The physiology and biochemistry of cells and the comparative physiology of muscular, nervous and circulatory systems. Bio-electric activities, metabolic cycles, and internal secretions will be covered. Prerequisite: Bl. 303. Fall and Spring. 8 sem. hrs.

Bl. 417—Endocrinology

General consideration of the organs of internal secretion. Phylogeny, embryology, microscopic anatomy and physiology. Fall. 4 sem. hrs.

Bl. 418—Advanced Endocrinology

Recent advances in the biology of the organs of internal secretion. Lectures, conferences and laboratory work. Spring. 4 sem. hrs.

Bl. 422—Virology

Physical, chemical and statistical characteristics of virus particles and rickettsias. Analysis of host-virus relationships. Prerequisite: Bl. 301. Spring, on alternate years. 4 sem. hrs.

Bl. 423—Mycology.

A survey of the fungi including both pathogens and non-pathogens. Prerequisite: Bl. 301. Fall, on alternate years. 4 sem. hrs.

Bl. 425—Physiology of Microorganisms.

Lectures, assigned readings and laboratory work on the Chemistry and Biology of bacteria, higher fungi and viruses. Prerequisite: Bl. 301. Fall, on alternate years. 4 sem. hrs.

Bl. 432—Botany for Teachers

A teacher training and review course for those engaged in, or preparing for, teaching high school biology. Emphasis is placed on the collection and preparation of local botanical materials for classroom use. Limited to graduate students in education. Prerequisite: General Botany. Summer only—on alternate years. 4 sem. hrs.

Bl. 433—Zoology for Teachers

A teacher-training and review course for those engaged in, or preparing for, teaching high school biology. Emphasis is placed on the collection and preparation of local zoological materials for classroom use. Limited to graduate students in education. Prerequisite: General Zoology. Summer only—on alternate years. 4 sem. hrs.

Bl. 444-445—Graduate Seminar

Prerequisite—advanced standing. Fall and Spring. 2 sem. hrs.

Bl. 501-502—Research in Bacteriology

Fall and Spring. 4 sem. hrs.

Bl. 503-504—Research in Cytology

Fall and Spring. 4 sem. hrs.

Bl. 505-506—Research in Plant Anatomy

Fall and Spring. 4 sem. hrs.

Bl. 507-508—Research in Animal Ecology

Fall and Spring. 4 sem. hrs.

Bl. 511-512—Research in Parasitology

Fall and Spring. 4 sem. hrs.

Bl. 515-516—Research in Physiology

Fall and Spring. 4 sem. hrs.

Register of Students



ARTS AND SCIENCES

1957-1958

THE GRADUATE DIVISION

MASTER OF EDUCATION

Abraham, Sister Colette Mary.....	Louisiana
Achary, Michael Anthony.....	Louisiana
Adams, Sulzer Patrick.....	Louisiana
Amato, Lorraine Margaret.....	Louisiana
Archer, Sister M. Caritas.....	Louisiana
Augustine, Lillie Stewart.....	Louisiana
Aycock, Mother Joan Marie.....	Louisiana
Bachs, Jose Comas.....	Louisiana
Baer, Mathew Edward.....	Louisiana
Baratgin, Germaine Olga.....	Louisiana
Barbier, Barbara Mae.....	Louisiana
Barrere, Lea Anna.....	Louisiana
Bartholomew, Mary Ann.....	Louisiana
Batson, Aline Cathrine.....	Louisiana
Berges, Louis Roland.....	Louisiana
Bertucci, Peter Christian.....	Louisiana
Bloemer, Mary Gretchen.....	Louisiana
Boggs, Reverend Robert L., S.J.....	Louisiana
Bonanno, Ray F.....	Louisiana
Bonfiglio, Joseph Frank.....	Louisiana
Borne, Lloyd Joseph.....	Louisiana
Borne, Norman Gaudberg.....	Louisiana
Bradford, Mildred Jane.....	Louisiana
Brady, Brother Jordan.....	Louisiana
Broussard, John W.....	Louisiana
Brousse, Celeste Josephine.....	Louisiana
Brown, Winston.....	Louisiana
Caramonta, Anthony Adam.....	Louisiana
Carruth, Aubrey Jack.....	Louisiana
Carver, Cecil Carlos.....	Louisiana
Cassagne, Alphonse Gabriel.....	Louisiana
Casteix, John Joseph Jr.....	Louisiana

Cosse, Alan	Louisiana
Costanza, Russell S., Jr.	Louisiana
Crotty, Sister Mary Thelma	Louisiana
D'Aquila, Ignatius John	Louisiana
D'Aquin, Emma Menard	Louisiana
Delhom, Florence Mary	Louisiana
D'Gerolamo, Victor Thomas	Louisiana
Dickson, Rose Marie	Louisiana
Dietrich, Sister M. Caroline	Louisiana
Dillon, Mabel Stiles	Louisiana
Dirkers, Sister M. Fanchette	Louisiana
Donahue, Julia Helen	Louisiana
Dumestre, Andrea Lorraine	Louisiana
Egan, Mildred Ida	Louisiana
Evans, Lettie Deloris	Louisiana
Faulds, Noreen Hamilton	Louisiana
Fiasconaro, Sister M. Lucina	Louisiana
Fleming, Gladys Spitzfaden	Louisiana
Fourroux, Stuart Hylton	Louisiana
France, Rosemarie Tassin	Louisiana
Froebe, Rayfield Staunton Jr.	Louisiana
Gabelly, Brother Thaddeus	Louisiana
Gabriel, Ethel Bernice	Louisiana
Geldreich, Sister M. Clement	Louisiana
Giorgio, Alton Harold	Louisiana
Greenup, Maxine A.	Louisiana
Haar, Sister M. Bernardine	Louisiana
Hambrick, Mildred Delay	Louisiana
Harris, George Alexander	Louisiana
Helm, George Maynard Benedict	Louisiana
Hemard, Elaine Knowles	Louisiana
Hickey, William P. Jr.	Louisiana
Holstein, Sallie Bennett	Louisiana
Hoover, Mother Rosaria	Louisiana
Huddleston, Aurelia Madeline Steger	Louisiana
Huff, Ethel Louise	Louisiana
Hymel, Margret Cecilia	Louisiana
Kemp, Velma Lee	Louisiana
Kistner, Louis Jacob	Louisiana
Lamprecht, Sister M. Margaret	Louisiana
Landry, Georgiana Mary	Louisiana
Landry, Hazel Marguerite	Louisiana
Langie, Marie Pelletier	Louisiana
Laughlin, Thomas Croften	Louisiana
Lee, John M.	Louisiana
Lepre, Brother Jerome	Louisiana
Lorio, Sister M. Thais	Louisiana

Lucia, Sister M. Celestine	Louisiana
Lucia, Vincent Joseph	Louisiana
McCarthy, Sister Mary Thaddeus	Louisiana
McDermott, Colleen Anne	Louisiana
Macaluso, Joseph Nicholas	Louisiana
Marks, Elva Gaille	Louisiana
Mason, Janice Elizabeth	Louisiana
Massa, Marie Marguerite	Louisiana
Matherne, Armand Joseph	Louisiana
Meade, Gertrude DiMartino	Louisiana
Medlin, Burdett Thomas	Louisiana
Merritt, Hilda Marie	Louisiana
Michel, Emmett Martin Jr.	Louisiana
Migoya, Reverend Francisco, S.J.	Louisiana
Montet, Sidney Joseph, Jr.	Louisiana
Moran, Sister M. Mark Ann	Louisiana
Mouledoux, Sister Mary Vernice	Louisiana
Mouton, Hyacinth Blanchard	Louisiana
Newell, Agnes Marie	Louisiana
Noto, Gerald Martin	Louisiana
Odom, Troy Johnston	Louisiana
Oliver, Althea Hamilton	Louisiana
Owen, John G. Jr.	Louisiana
Peterson, Harold Edward Jr.	Louisiana
Pokorny, Antoine Yvonne	Louisiana
Prescott, Henry D.	Louisiana
Puleo, Sister Mary Pius	Louisiana
Rareshide, Henryetta B.	Louisiana
Redmann, Mother Esther	Louisiana
Rhodes, Sister Mary Venard	Louisiana
Rome, Curtis Peter Jr.	Louisiana
Ronquillo, Iluminada Hernandez	Philippines
Rooney, Muriel Mary	Louisiana
Rubin, Louise Theresa	Louisiana
Rue, Louise Joan	Louisiana
Rush, Sister M. Isabel	Louisiana
Satterlee, Peggy Joyner	Louisiana
Schalck, Joseph Francis	Louisiana
Schmiede, Anna Valentine	Louisiana
Schreiner, Anita Cecelia	Louisiana
Schrenk, Providence DiMartino	Louisiana
Seibert, David Jefferson, Jr.	Louisiana
Shambra, Sylvia Catherine	Louisiana
Shaw, Dorothy Adele	Louisiana
Shuster, Walter Clyde	Louisiana
Siess, Lenox Leopold Jr.	Louisiana
Smith, Ernie H.	Louisiana

Sorci, Marie Chalaire.....	Louisiana
Spatafora, Geraldine Antoinette.....	Louisiana
Sprott, Dorothy Elder.....	Louisiana
Stilling, Niels Christian.....	Louisiana
Tate, Thelma Sirgo.....	Louisiana
Tervalon, Adrienne Callista.....	Louisiana
Todle, Susie Bateman.....	Louisiana
Troxler, Richard J.....	Loiusiana
Tuminello, Catherine.....	Louisiana
Valle, Virginia Lucia.....	Louisiana
Waguespack, Margaret Mary.....	Louisiana
Weyman, Lucille Ann.....	Louisiana
Wilcox, Edwin Joseph.....	Louisiana
Wilkins, Dorothy Porter.....	Louisiana
Zimmermann, Elizabeth Ann.....	Louisiana

Master of Biological Science

Cherrie, Anna Louise.....	Louisiana
Gaudin, Felix August.....	Louisiana
Geagan, Donald William.....	Louisiana
Pearson, James Eldon, Jr.....	Louisiana
Schafer, Harry E.....	Louisiana
Theall, John William.....	Louisiana

SENIORS

Abadie, Joseph Louis Jr.....	B. S.	Louisiana
Andonie, Jack Anthony.....	B. S.	Louisiana
Angelle, Reverend Gabriel, O.S.B.....	B. S.	Louisiana
Armand, Mary Virginia.....	B. S.	Texas
Arnold, Mary Catherine.....	B. S. in Med. Tech.	Louisiana
Ayo, Andrea Ann.....	B. S. S.	Louisiana
Barbera, Marilyn Grace.....	B. S. in Med. Tech.	Louisiana
Barrios, Digby Wayne.....	B. S.	Louisiana
Bennett, Sidney John, III.....	B. S.	Louisiana
Bergeron, Sister Mary Ellen.....	B. S.	Louisiana
Bergeron, Sister M. Philomena.....	B. S.	Louisiana
Bernard, Henry.....	B. S.	Louisiana
Berrigan, Reverend Philip, S.S.J.....	B. S.	Louisiana
Blanchard, Eugene Joseph.....	B. S.	Louisiana
Blanchard, Sister M. Malachi.....	B. S.	Louisiana
Bonaventure, Michael John.....	B. S.	Louisiana
Boudousquie, Carol Anne.....	B. S.	Louisiana
Boyle, Edward James Jr.....	Pre-Legal	Louisiana
Brau, Mary Ann.....	B. S. in Med. Tech.	Louisiana
Breitenmoser, Ethel Alice.....	B. S.	Louisiana
Brigtsen, Joan Suzanne.....	B. S.	Louisiana

Broussard, Sister Marie Antonie	B. S.	Louisiana
Broussard, Sister M. Emile	B. S.	Louisiana
Buchert, Sister M. Henrica	B. S.	Louisiana
Cahill, William Henry	B. S.	Louisiana
Calamari, Timothy Allen	B. S.	Louisiana
Carlos, Nancy Lee Mary	B. S. in Med. Tech.	Louisiana
Carothers, Ann Marie	B. S. S.	Mississippi
Carroll, Philip Joseph	B. S.	Louisiana
Clark, Philip Sack	B. S.	Louisiana
Clever, Mary Ann	A. B.	Louisiana
Coco, Suzanne	B. S. in Med. Tech.	Louisiana
Cox, Bernard Armond	A. B.	Louisiana
Cronan, Carol Ann	B. S.	Louisiana
Culicchia, Rosalee Mary	B. S.	Texas
Culver, Anna Clare	B. S. in Med. Tech.	Louisiana
Curtis, Anne Marie	B. S. S.	Louisiana
David, Sylvia Frances	B. S. S.	Louisiana
deBoisblanc, Marjorie Meryl	B. S.	Louisiana
Decker, Charles Edward	B. S.	Louisiana
DePaoli, Doris Emma	B. S. in Med. Tech.	Louisiana
Desalvo, Salvador Jacob	B. S.	Louisiana
Devlin, Ellen Elizabeth	B. S. in Med. Tech.	Florida
Dobbins, Terry Kenneth	B. S.	Louisiana
Donlin, Sister Juliana	B. S.	Louisiana
Doucet, Lucius Joseph	B. S.	Louisiana
Ducote, Hansen Anthony	B. S.	Louisiana
Dugas, Page L.	B. S. in Med. Tech.	Louisiana
Elliot, Sister Mary Sheila	B. S.	Louisiana
Enright, Dorothy Rose	B. S.	Louisiana
Exnicios, Joseph B. Jr.	B. S.	Louisiana
Fabre, Sister Mary Henry	B. S.	Louisiana
Faggioni, Reverend Ernest	B. S.	Louisiana
Fallon, William Robert	B. S.	Louisiana
Finney, Patricia Louise	B. S.	Tennessee
Fontan, Lawrence Earl	A. B.	Louisiana
Forestieri, Rev. Augustin R., O.S.B.	B. S.	Louisiana
Fortier, Sister Mary Marguerite	B. S.	Louisiana
Frilot, Donald M.	B. S.	Louisiana
Garcia, Ricardo H.	B. S. S.	Texas
Gautreaux, Sister M. Patricia Ann	B. S.	Louisiana
Geier, Glenda Ann	B. S.	Louisiana
Gerard, Aline Louise	B. S. in Med. Tech.	Louisiana
Ginn, Robert John	A. B.	Texas
Glas, Joanne	B. S.	Louisiana
Guidry, Robert James	B. S.	Louisiana
Guilbault, George Gerald	B. S.	Louisiana
Guilbault, Palma Covington	B. S.	Louisiana

Hall, Marilyn Patricia	B. S.	Louisiana
Hallaron, Sister M. Padraic	B. S.	Louisiana
Harder, Ann Marie	B. S. in Med. Tech.	Louisiana
Hawxhurst, Sister Mary Amelie	B. S.	Louisiana
Healy, Elizabeth Anne	B. S.	Louisiana
Hendry, Reginald Jude	B. S. S.	Louisiana
Heusel, George Francis	B. S.	Louisiana
Hintz, Glenda Marie	B. S.	Louisiana
Holmes, Jacqueline Mae	B. S.	Louisiana
Huber, Sister Dorothea	B. S.	Louisiana
Hurley, Carol Marie	B. S.	Louisiana
Incaprera, Charline Marie	B. S.	Louisiana
Ichante, Sister Marthalene	B. S.	Louisiana
Jones, Pamela Ann	B. S. in Med. Tech.	Louisiana
Jung, Michael A.	B. S. S.	Louisiana
Kahn, Harold David	B. S.	Louisiana
Kirby, Patricia Anne	B. S.	Louisiana
Kothmann, Henry Paul Jr.	B. S.	Louisiana
Kulas, John Patrick	Pre-Dental	Texas
Landry, Gladys Suim	B. S.	Louisiana
Larkin, Joel Marie	B. S.	Louisiana
La Rocca, Salvador Henry	B. S.	Louisiana
LeBlanc, Sister Mary of Fatima	B. S.	Louisiana
Lesseps, Randolph Louis	B. S.	Louisiana
Lieux, Sister M. Bertrand	B. S.	Louisiana
Logan, Loretta Henriette	B. S. in Med. Tech.	Louisiana
Lusco, Salvador Anthony	B. S.	Louisiana
McClure, Robert F.	B. S. S.	Louisiana
McGee, John Charles	B. S.	Louisiana
McGlinchey, Patricia Ann	B. S. in Med. Tech.	Louisiana
McLean, Leo Robert	B. S.	Louisiana
Margavio, Matthew Francis	B. S.	Louisiana
Marsolan, Shirley Mae	B. S.	Louisiana
Martinez, Irving Ricardo Jr.	B. S.	Louisiana
Mary, Charles Callan	B. S.	Louisiana
Mauberret, Sister Mary Walter	B. S. S.	Louisiana
Maumus, Louis Thomas	Pre-Medical	Louisiana
Maurer, Leon Francis	B. S.	Louisiana
Meaux, Sister Mary Hubert	B. S.	Louisiana
Medawar, Michel Simon	B. S.	Louisiana
Melsheimer, Marion Aline	B. S. S.	Mississippi
Miller, Robert Gerard	B. S.	Louisiana
Monjure, Rosemary Marion	B. S.	Louisiana
Mundt, Whitney Robert	B. S. S.	South Dakota
Murray, Patricia Anne	B. S.	Louisiana
Newton, William Kirkpatrick Jr.	A. B.	Florida

Nicodemus, Donald Edward	B. S.	Louisiana
Oberkampff, Mary Lou	B. S. S.	Texas
O'Neill, Mary Ethel	B. S. S.	Mississippi
Payton, John Thomas	B. S.	Louisiana
Pecunia, Beverly Juanita	B. S.	Louisiana
Perrault, Janet Ann	B. S. in Med. Tech.	Louisiana
Pesce, Edward John	A. B.	New Jersey
Piattoly, Arthur Raymond	B. S.	Louisiana
Pizzitola, Anthony Jr.	B. S.	Louisiana
Plaisance, Irving Pierre Jr.	B. S.	Louisiana
Plunkett, Gordon Railey	B. S. S.	Louisiana
Power, Sister Mary Donald	B. S.	Louisiana
Raymond, Louis Ronald	B. S.	Louisiana
Rieffel, Clements Norwood	B. S.	Louisiana
Rowell, Virginia Ludowig	B. S. in Med. Tech.	Louisiana
Rudiger, Otto Joseph Jr.	B. S.	Louisiana
Russo, Anthony Joseph	B. S. S.	Louisiana
Sancho, Jules Marc	B. S.	Louisiana
Sanguily, Judith Ann	B. S. in Med. Tech.	Louisiana
Schweiberger, William Karl	B. S.	Florida
Scully, Mary Kate	B. S.	Louisiana
Sheehy, John J.	B. S.	Louisiana
Simon, Reverend Gerard L., O.S.B.	B. S.	Louisiana
Simoneaux, Sister Camille Marie	B. S.	Louisiana
Steckler, Valerie LaCour	B. S. in Med. Tech.	Louisiana
Thayer, Carolyn Mary	B. S. in Med. Tech.	Louisiana
Therrell, Charles J.	B. S.	Louisiana
Tolhurst, Joan Gaulene	B. S.	Louisiana
Toranto, Walter Joseph	Pre-Dental	Louisiana
Trammell, William Francis	B. S.	Louisiana
Troncale, Frank Joseph	B. S.	Alabama
Vanderlinden, Arthur Edward, II	B. S.	Louisiana
Van Hoof, James Henry	B. S.	Florida
Veazey, Sister Mary Andrew	B. S.	Louisiana
Vernaci, Joseph Anthony Jr.	Pre-Dental	Louisiana
Verrett, Reverend Joseph	B. S.	Louisiana
Vidacovich, Richard Paul	Pre-Medical	Louisiana
Vocke, Geraldine Patricia	B. S. in Med. Tech.	Louisiana
Walshe, Marianne Hebert	B. S.	Louisiana
Wells, William Durio	B. S. S.	Louisiana
Wetzel, Mary Elizabeth	B. S. in Med. Tech.	Louisiana
Wilson, Linda Lee	A. B.	Louisiana
Wilson, Sister M. Martin	B. S.	Louisiana
Young, Delosa Anthony	B. S.	Louisiana

JUNIORS

Ainsworth, Marcia Ann	B. S. S.	Texas
Alberstadt, Milton Louis, Jr.	B. S.	Louisiana
Anderson, Harold Frieden	B. S.	Louisiana
Antony, Arthur Andrew	B. S.	Louisiana
Bacino, Janice Mary	B. S.	Louisiana
Barbato, Mary Rose	B. S.	Louisiana
Benigno, Richard Albert	B. S.	Louisiana
Beyer, Sister Eloise	B. S.	Louisiana
Blades, Margaret Ann	B. S. in Med. Tech.	Louisiana
Blanchard, Ronnie Joseph	B. S.	Louisiana
Blanchard, Sister Warren	B. S.	Louisiana
Block, Miriam Ann	B. S.	Louisiana
Blum, Anne E.	B. S.	Louisiana
Bodet, Gerald Paul	B. S.	Louisiana
Boes, Joy Amelia	B. S.	Louisiana
Bonhagen, Jerry Carl	Pre-Legal	Louisiana
Bonvillain, Sister M. Liguori	B. S.	Louisiana
Bossle, Paul Courtney	Pre-Dental	Louisiana
Breaux, Sister Mary George	B. S.	Louisiana
Brocato, Robert Maestri	Pre-Dental	Louisiana
Brown, Clifford Louis	B. S.	Louisiana
Brown, Susan Parker	B. S.	Louisiana
Burkart, Joan Marie	B. S.	Louisiana
Burke, Susan Mary	B. S.	Louisiana
Burnett, Ira Emett, Jr.	B. S.	Louisiana
Campbell, Barbara Reaves	B. S. in Med. Tech.	Mississippi
Carr, Ronald Francis	Pre-Dental	Texas
Castellanos, Fay Frances	B. S. in Med. Tech.	Louisiana
Cenac, Alphonse Joseph	Pre-Dental	Louisiana
Charitat, Andre Durel	B. S.	Louisiana
Chin, Carmen	B. S. in Med. Tech.	Louisiana
Church, Cynthia Ann	B. S. in Med. Tech.	Louisiana
Colligan, Sister Mary Helen	B. S.	Louisiana
Conklin, John William	Pre-Medical	Louisiana
Conway, Edward Daire, III	B. S.	Louisiana
Crain, Joan Delle	B. S.	Louisiana
Cretini, Barbara Ann	B. S. in Med. Tech.	Louisiana
Cristina, Mary Joycelyn	B. S. in Med. Tech.	Louisiana
Cullom, Elbert Raymond Jr.	B. S.	Louisiana
Daschbach, Peter Michael	B. S. S.	Maryland
DeBlanc, Sister Immaculate Heart	B. S.	Louisiana
Delaup, Jeanne Marie	B. S. in Med. Tech.	Louisiana
Doll, Chester Joseph	B. S.	Louisiana
Dowling, Patrick James	B. S.	Texas
Ducey, Dorothea Rose	A. B.	Louisiana

Dufau, Jean Ann	B. S. in Med. Tech.	Louisiana
Estelle, Doris R.	B. S.	Louisiana
Exterstein, Henry J.	B. S.	Louisiana
Faust, Jean Paul	B. S.	Louisiana
Fontz, Albert Joseph Jr.	B. S.	Louisiana
Ford, Jacquelyn Joy	B. S. in Med. Tech.	Louisiana
Fricken, Raymond Lee	B. S.	Louisiana
Friedman, Harry George, Jr.	B. S.	Louisiana
Fruge, Marjorie Ann	B. S. S.	Louisiana
Gallagher, Sister Mary Jonathan	B. S.	Louisiana
Gauthreaux, Everette Francis	Pre-Legal	Louisiana
Geary, William, Jr.	B. S.	Louisiana
Geisel, Maurice Jr.	B. S.	Louisiana
Gendron, Glenda Anne	B. S.	Louisiana
Graves, James Clarence	B. S.	Louisiana
Gritter, Gail Estelle	B. S.	Texas
Gruber, Diane Olive	B. S. S.	Texas
Guarisco, Guy Vincent	B. S. S.	Louisiana
Guillot, Emmet Paul Jr.	B. S.	Louisiana
Gunther, Renee Marie	B. S. in Med. Tech.	Louisiana
Guttuso, Vincent Salvatore Jr.	B. S.	Louisiana
Habetz, Sister M. Lawrence	B. S.	Louisiana
Hahn-Korff, Elizabeth Madchen	B. S.	Louisiana
Hall, James William	B. S.	Indiana
Hattier, Lawrence Victor	B. S. in Med. Tech.	Louisiana
Hebert, Sister Maria Goretti	B. S.	Louisiana
Hopkins, Ann Elizabeth	B. S.	Louisiana
Hoskins, Jerry Friedrichs	B. S.	Louisiana
Jackson, Marguerite Babin	B. S.	Louisiana
James, Elizabeth Louise	A. B.	Louisiana
Johnston, Sister M. Gregory	B. S.	Louisiana
Jones, Jerry	Pre-Dental	Louisiana
Jourdan, Anne Agatha	B. S.	Louisiana
Keller, Louis D., Jr.	Pre-Dental	Louisiana
Kelley, Dorris Johnston	B. S. in Med. Tech.	Louisiana
Kent, Joyce Ann Salzer	B. S.	Louisiana
Kessler, Sister M. Rose Elaine	B. S.	Louisiana
Kleinpeter, Sister Mary Lillian	B. S.	Louisiana
Kleppner, Ferdinand John	A. B.	Florida
Kline, Sister Henrietta	B. S.	Louisiana
Kloor, Elsa Louise	B. S.	Louisiana
Komma, Evelyn Ellen	B. S.	Louisiana
Kuebel, Jocelyn Berthane	B. S.	Louisiana
Laiche, Blanche Maxine	B. S. S.	Texas
Lambert, Sister Catherine Marie	B. S.	Louisiana
Lambert, Erin Brigid	B. S.	Louisiana
Leonhard, Alan Thomas	Pre-Dental	Louisiana

Lorio, Sister Mary Agnes	A. B.	Louisiana
Louree, Charles William	B. S. S.	Louisiana
McGuire, Thomas Aloysius Jr.	B. S. S.	Michigan
Macaluso, Rose Marie	B. S.	Louisiana
Maggio, Sister Mary Stephen	B. S.	Louisiana
Manguno, Vincent Charles	Pre-Legal	Louisiana
Mansell, Viola Edwards	B. S.	Louisiana
Mee, Sister Juanita Marie	B. S.	Louisiana
Melancon, Sister Mary Laura	B. S.	Louisiana
Messina, Francis William	B. S.	Louisiana
Meyer, Joseph Edgar, Jr.	B. S.	Louisiana
Meyers, Sister Rose Rita	B. S.	Louisiana
Minke, Robert Merl	B. S.	Louisiana
Mire, Sister Mary Evelyn	B. S.	Louisiana
Mittelbronn, Florence Lovell	B. S.	Louisiana
Monlezun, Albert Pierre, Jr.	B. S.	Louisiana
Moore, Donna Elizabeth	B. S.	Louisiana
Morris, Jules Michael	B. S.	Louisiana
Mouton, Sister M. Henrietta	B. S.	Louisiana
Mulhern, Sister M. Howard Joseph	B. S.	Louisiana
Porter, Estella Pauline	B. S.	Louisiana
Rodriguez, Nasson Joseph	Pre-Dental	Louisiana
Rose, Paul Conrad, III	B. S. S.	Louisiana
Sanchez, Sister Mary Anthony	B. S.	Louisiana
Schroeder, Carol Frances	A. B.	Louisiana
Sclafani, Rose Marie	B. S.	Louisiana
Scramuzza, Mario John	B. S.	Louisiana
Seiwell, Anne	A. B.	Louisiana
Sellers, Sister M. Alphonse	B. S.	Louisiana
Selva, Gladys Eleonor	B. S.	Louisiana
Senegal, Sister M. Letitia	B. S.	Louisiana
Sirgo, George Louis Jr.	Pre-Legal	Louisiana
Smith, Melvin William	B. S.	Louisiana
Sodek, Benard Anton	B. S.	Texas
Tamborello, Camille	B. S.	Texas
Templet, Sister Jane Marie	B. S.	Louisiana
Thorne, Robert Robin	Pre-Legal	Louisiana
Torre, Joseph Jean	B. S.	Louisiana
Trower, Frank Patrick	A. B.	Louisiana
Van De Voorde, Paule Therese	B. S.	Louisiana
Verret, Eunice Lynn	B. S.	Louisiana
Vila, Edgardo	Pre-Dental	Puerto Rico
Vogt, Walter Karl	B. S.	Louisiana
Voitier, Marsha Jude	B. S.	Louisiana
Walet, Joan Denechaud	B. S.	Louisiana
Watson, Virginia	B. S. S.	Texas
White, Rosemary	B. S.	Texas

Williams, Barbara Rose	B. S.	Louisiana
Wilmot, John Denton	B. S. S.	Louisiana
Wineski, Louis Paul Jr.	B. S.	Louisiana
Young, Robert Joseph	Pre-Legal	Louisiana

SOPHOMORES

Alexander, Mary Alice Elizabeth	B. S. S.	Louisiana
Amedee, Sister M. Christopher	B. S.	Louisiana
Anders, Thomas Gene	B. S.	Louisiana
Angelo, Carol Ann	Pre-Pharmacy	Louisiana
Ardoin, Sister M. Leonard	B. S.	Louisiana
Armantrout, Riley Glen	Pre-Dental	Louisiana
Aucoin, Ronald Joseph	B. S.	Louisiana
Ayo, Audrey Ann	B. S.	Louisiana
Baggett, Richard Arthur	Pre-Dental	Louisiana
Barbera, Charles Francis	Pre-Dental	Louisiana
Bauer, Harold Heard	Pre-Dental	Texas
Bauer, Joseph Wilson	Pre-Dental	Texas
Bayhi, James Edward	B. S.	Louisiana
Belloni, Nathaniel Frank Jr.	B. S.	Louisiana
Benigno, Domenica Rose	B. S.	Mississippi
Bensel, Donald Edward	Pre-Dental	Louisiana
Bergeron, Jessie Mary	B. S.	Louisiana
Birrcher, Barra Ligouri	B. S.	Louisiana
Blouin, Robert James	Pre-Dental	Louisiana
Boihem, Larry Louis	Pre-Pharmacy	Louisiana
Borne, Ronald Francis	B. S.	Louisiana
Brandt, Carolyn Ann	B. S.	Louisiana
Briselden, Sister Regina	B. S.	Louisiana
Broussard, Sister Mary Robert	B. S.	Louisiana
Brown, Irma C.	B. S.	Louisiana
Brown, Sandra Anne	B. S.	Louisiana
Browne, Patrick Joseph	Pre-Legal	Louisiana
Brownlee, Morris Leviton	B. S.	Louisiana
Brulet, Jeanette Inez	B. S. S.	Louisiana
Buisson, James Adolphe, III	B. S.	Louisiana
Cabibi, Charles Edmond, Jr.	Pre-Legal	Louisiana
Carriere, Edward William	B. S.	Louisiana
Carroll, Keith James	B. S.	Louisiana
Castellano, Nelson Dominic	Pre-Dental	Florida
Centanni, Anita Elizabeth	B. S.	Louisiana
Colcolough, Harry Lawrence, Jr.	Pre-Medical	Florida
Cupero, Hamil Michael	B. S.	Louisiana
Currier, Ronald Francis	Pre-Dental	Louisiana
Daniel, Patricia Ann	B. S. in Med. Tech.	Louisiana
Danigole, Jacqueline Cornelia	B. S. in Med. Tech.	Louisiana
Dares, Jean Ann	B. S. in Med. Tech.	Louisiana

De Vezin, Howard Gerard Jr.	B. S.	Louisiana
Diaz, Carmen Collado	B. S. S.	Louisiana
Donewar, Lorraine Mary	B. S.	Louisiana
Dorn, William Joseph	B. S.	Tennessee
Doucet, Roland John	Pre-Pharmacy	Louisiana
Drury, Joy Loretta	B. S.	Louisiana
Ducasse, Frances Hilda	B. S.	Louisiana
Dudenhefer, John Paul, Jr.	B. S.	Louisiana
Dugas, Carl Francis	Pre-Pharmacy	Louisiana
Earnest, Donald Frederick	B. S. S.	Louisiana
Ellerbusch, Edna Mae	B. S.	Louisiana
Enderle, Sister Elvira	B. S.	Louisiana
Ferrand, Emma Elizabeth	B. S. in Med. Tech.	Louisiana
Fitzpatrick, Jean Marie	B. S.	Louisiana
Flettrich, Marie Antoinette	B. S.	Louisiana
Flynn, George Quitman	B. S.	Louisiana
Fournet, Earleen Theresa	B. S.	Louisiana
Frischhertz, Gail Theresa	B. S.	Louisiana
Gallaher, Katherine Helen	B. S.	Louisiana
Gander, V. Cecile	B. S.	Indiana
Gaudet, Elmer Lawrence, Jr.	Pre-Dental	Mississippi
Genser, August, Jr.	B. S.	Aruba
Gervais, George William	Pre-Pharmacy	Louisiana
Giarrantano, Antoinette Marie	B. S.	Texas
Giese, Herbert Adolph Jr.	Pre-Medical	Louisiana
Glass, Carole Yvonne	B. S. in Med. Tech.	Louisiana
Gonsoulin, Sister Frances Cabrini	B. S.	Louisiana
Grace, James Ellis	Pre-Medical	Louisiana
Gravel, Martin Francis	Pre-Pharmacy	Louisiana
Gray, William LeVert	B. S. S.	Mississippi
Guerineau, Henri Paul	B. S.	Louisiana
Guidry, Lawrence Sal	B. S.	Louisiana
Guillot, Olga Tercero	B. S.	Louisiana
Haley, Evelyn Claire	B. S. S.	Louisiana
Hanemann, Charles Joseph	B. S. S.	Louisiana
Harold, Elliotte Maurice, Jr.	B. S.	Louisiana
Harrison, John Charles	B. S.	Florida
Hartlage, Frederick Raymond	B. S.	Florida
Hebert, Sister M. Arnold	B. S.	Louisiana
Hebert, Jacques Joseph	B. S.	Louisiana
Hebert, John Rellus	Pre-Dental	Louisiana
Heck, Diane Mary	B. S. in Med. Tech.	Louisiana
Heintz, David E.	B. S.	Texas
Helm, Mary Ann	B. S.	Louisiana
Hermann, Allen Max	B. S.	Louisiana
Hernandez, Sister Delia	B. S.	Louisiana
Hickey, Albert Joseph	B. S.	Louisiana

Holley, Lionel Joseph	Pre-Dental	Mississippi
Ijames, Betty Jane Fortune	B. S. S.	Louisiana
Jacob, Leah Magdalene	B. S. S.	Louisiana
James, Rosemonde Ann	B. S. S.	Louisiana
Johnston, Joseph Frederick	Pre-Dental	Louisiana
Joseph, Louis Joseph	Pre-Dental	Mississippi
Joseph, Marian Ann	B. S. in Med. Tech.	Louisiana
Keller, John Edwin	B. S.	Louisiana
Kidd, William M.	Pre-Dental	Louisiana
Killian, Elizabeth Lucille	B. S. S.	Louisiana
Korndorffer, Edgar Cormic	B. S. S.	Louisiana
Kowalczyk, George Ignatius	B. S.	New York
Lala, Ann Marie	B. S.	Louisiana
Latino, Laura Nina	B. S. in Med. Tech.	Louisiana
Legendre, Jane Marie	B. S.	Louisiana
Levy, Bernard Pius	Pre-Dental	Louisiana
Levy, Carol Ann	B. S.	Louisiana
Lopiccolo, John, Jr.	B. S. S.	Louisiana
Lorio, Gary Philip	Pre-Dental	Louisiana
Luscy, Sandra Marie	B. S. in Med. Tech.	Louisiana
McCaffery, Thomas Dalton	B. S.	Louisiana
McCarthy, Sister Isabelle	B. S.	Louisiana
McDevitt, Herbert Thomas	B. S. S.	New York
McGehee, Mary Carolyn	B. S.	Louisiana
McNamara, Lawrence Lee	Pre-Legal	Louisiana
McShane, Kathleen Ann	B. S.	Louisiana
McVile, Marilyn Ann	B. S.	Louisiana
Mallet, Sister M. Hilda	B. S.	Louisiana
Mangan, Sister Hilda	B. S.	Louisiana
Manning, Barbara Ann	B. S. S.	Texas
Martin, Sister Mary Anthony	B. S.	Louisiana
Massimini, Marie Catherine	B. S.	Louisiana
Massony, Barbara Nell	B. S.	Louisiana
Menard, Louis Anthony	Pre-Pharmacy	Louisiana
Miller, Gerald Edwin	Pre-Medical	Louisiana
Millet, Sterling A.	B. S.	Louisiana
Montero, Dudley Paul, III	Pre-Dental	Louisiana
Moreau, Jerry Paul	B. S.	Louisiana
Moreau, Olga Marie	B. S.	Louisiana
Mouton, Sister Mary Alfred	B. S.	Louisiana
Mouton, Sister Mary Fatima	B. S.	Louisiana
Mouton, Sister Mary Jude	B. S.	Louisiana
Murtagh, Thomas Blackhall	B. S.	Louisiana
Newman, Cynthia Ann	B. S.	Louisiana
Neyrey, George Joseph, III	Pre-Pharmacy	Louisiana
Nicholson, Nellie Cox	B. S.	Louisiana
O'Brien, Mary Patricia	B. S.	Louisiana

Olivier, Marie Joubert	B. S.	Louisiana
O'Lone, Donald Joseph	A. B.	Florida
Osborn, William Gerard	B. S.	Indiana
Patron, Sylvia Fernanda	B. S.	Louisiana
Pecoraro, Battista Joseph	B. S.	Louisiana
Perez, Stephen Raymond	Pre-Legal	Louisiana
Perkins, Thomas S.	Pre-Dental	Louisiana
Pfister, Maureen Patricia	B. S.	Louisiana
Phillips, Johnnie Louise	Pre-Medical	Louisiana
Pichon, Joseph Grant	B. S.	Louisiana
Poe, Oliver Conrad	Pre-Dental	Louisiana
Power, Georgia Ann	B. S. in Med. Tech.	Louisiana
Preau, Walter Antoine	B. S.	Louisiana
Prima, Leon Anthony	B. S. S.	Louisiana
Putnam, James Gordon	B. S.	Louisiana
Raviotta, Dominick A.	Pre-Medical	Louisiana
Raymond, Gerrard Edmond	B. S.	Louisiana
Regan, Sister John Bosco	B. S.	Louisiana
Reising, Mary Ann	B. S. S.	Louisiana
Riccobono, Rosemary	B. S.	Louisiana
Rivoire, Jeannette Marie	B. S.	Louisiana
Robert, Anita Louise	B. S. in Med. Tech.	Louisiana
Rousseau, Rosalie Ann	B. S.	Louisiana
Roussel, George Joseph, III	Pre-Dental	Louisiana
Rowen, Robert Gordon	B. S. S.	Georgia
Saladino, Sister Mary David	B. S.	Louisiana
Satterlee, Robert Joseph	B. S.	Louisiana
Saunders, Mary Louise	B. S.	Louisiana
Schalck, Donald Anton	B. S.	Louisiana
Schappe, Ronald Albert	B. S. S.	Louisiana
Schneider, Andrea Claire	B. S. in Med. Tech.	Louisiana
Schoenberger, Augusta Henrietta	B. S.	Louisiana
Schwarzenbach, Malcolm Paul, Jr.	B. S.	Louisiana
Scott, Andrew Strahle	Pre-Dental	Florida
Sigur, Arthur Alexander, Jr.	Pre-Dental	Louisiana
Smith, John J.	B. S.	Louisiana
Soignet, Dorothy Jane	B. S.	Louisiana
Sonier, Helen Anne	B. S. in Med. Tech.	Louisiana
Sonnier, Sister Mary Pius	B. S.	Louisiana
Steinkamp, Evelyn Augustine	Pre-Medical	Louisiana
Steppe, Myra Elizabeth	B. S.	Louisiana
Stevens, Diana Joyce	B. S.	Louisiana
Stubblefield, Sister Mary Cecilia	B. S. S.	Louisiana
Suarez, Sister Elaine	B. S.	Louisiana
Taranto, Joseph Anthony	B. S.	Louisiana
Theriot, Shelby Jose	Pre-Legal	Mexico
Tillman, Lynn	B. S. in Med. Tech.	Louisiana

Toca, Suzanne Marie	B. S.	Louisiana
Tucker, Sister Mary Damian	B. S.	Louisiana
Vigo, Tyrone Lawrence	B. S.	Louisiana
Villarrubia, John Gerard	B. S. S.	Louisiana
Vinet, Ronald Sidney	Pre-Pharmacy	Louisiana
Walker, Vincent Charles	B. S.	Louisiana
Ward, Donna Catherine	B. S. in Med. Tech	Louisiana
Watson, Jane	B. S. S.	Texas
Webster, Sister Mary Sophia	B. S. S.	Louisiana
Weidenbacher, Albert Frank	B. S.	New York
Weilbaeher, Robert Gagnet	Pre-Medical	Louisiana
Werling, Thomas Arthur	B. S.	Louisiana
Whitney, Wayne Thomas	B. S.	Louisiana
Wildhaber, Jacquelyn Nunez	B. S.	Louisiana
Wilkie, Robert Leon	B. S. S.	Louisiana
Wille, Joy Clair	B. S. S.	Louisiana
Wooten, Mary Margaret	B. S.	Louisiana
Wright, John David	Pre-Dental	California
Zelenka, Daniel Edward	Pre-Dental	Louisiana
Zibilich, Leo Herbert	B. S.	Louisiana
Zuniga, Alberto Francisco	Pre-Dental	Texas

FRESHMEN

Abadie, Stanley Ulrich	B. S.	Louisiana
Aguzin, Michael Adolph	B. S. S.	Louisiana
Alfortish, Kenneth Edward	Pre-Medical	Louisiana
Alleman, Donald Joseph	B. S.	Louisiana
Allison, Patricia Bailly	B. S.	Mississippi
Armstrong, Lynn R.	B. S.	Louisiana
Aupied, Ulyanaise Y.	B. S. in Med. Tech.	Louisiana
Authement, Douglas Joseph	Pre-Legal	Louisiana
Babst, Mary Anne	B. S. S.	Louisiana
Bacino, James John	Pre-Pharmacy	Louisiana
Bacon, Richard Eugene	Pre-Dental	Louisiana
Baehr, Loretta Louise	Pre-Legal	Louisiana
Baglio, Gloria Mae	B. S.	Louisiana
Balch, Robert Wayne	Pre-Dental	Florida
Barnes, Ronald George	B. S.	Louisiana
Barrois, John Boynes	B. S. S.	Louisiana
Beaudean, Maxine Catherine	B. S.	Louisiana
Becker, John D'Arcy	B. S.	Louisiana
Bee, Ann Helen	B. S. S.	Georgia
Bell, Christopher Patrick	B. S. S.	Mississippi
Bernos, Yvonne Marie	B. S.	Louisiana
Blanchard, Lawrence Joseph Jr.	B. S.	Louisiana
Blanchard, Rachel Dean	B. S.	Louisiana
Blaum, Boris Conrad	Pre-Dental	Louisiana

Boening, Yvonne Marie	B. S. S.	Texas
Bordelon, Angelica Lee	B. S.	Louisiana
Bordelon, Jacqueline Ann	B. S.	Louisiana
Born, Patricia	B. S. S.	Tennessee
Bosworth, Carolyn Ann	B. S.	Louisiana
Bosworth, Joan Evelyn	B. S.	Louisiana
Boudreaux, Barbara Jane	B. S.	Louisiana
Boudreaux, Patrick Allan	B. S.	Louisiana
Brousse, Jo Ann Imelda	B. S.	Louisiana
Brown, Mary Travis	B. S.	Louisiana
Buccaran, Barbara Clare	B. S.	Louisiana
Buras, Horace Adolph	Pre-Dental	Louisiana
Burch, Maurice Emile	Pre-Legal	Louisiana
Burns, Malcolm Lawrence	B. S.	Louisiana
Byrnes, Grace N.	B. S. in Med. Tech.	Louisiana
Caballero, Martha Noella	B. S. S.	Louisiana
Cadaro, Peter M. Jr.	B. S.	Louisiana
Cahill, Connie Claire	B. S.	Louisiana
Calamari, Manuel Villa	B. S.	Louisiana
Campeaux, Henry Jr.	B. S. S.	Louisiana
Capaci, Andra Ann	Pre-Pharmacy	Louisiana
Caronna, Ferdinand John	B. S.	Louisiana
Carroll, Reuben Albert	Pre-Dental	Louisiana
Cassara, George Joseph Jr.	B. S.	Louisiana
Cassens, Anthony Austin Jr.	Pre-Medical	Louisiana
Caston, Geraldine Theresa	B. S.	Louisiana
Cavallino, Jacqueline Marie	B. S.	Louisiana
Cefalu, Frank Jerome	Pre-Legal	Louisiana
Chauvin, Linda Jean	B. S.	Louisiana
Cicero, Maria F.	B. S.	Louisiana
Coltrin, Elizabeth Ann	B. S.	Louisiana
Compter, Edward G.	Pre-Dental	Louisiana
Condon, Dorothy Ann	B. S.	Florida
Connick, William Joseph Jr.	B. S.	Louisiana
Conway, John Bligh	B. S.	Louisiana
Cook, Richard J. Jr.	Pre-Medical	Louisiana
Cooke, Eileen Agnes	B. S.	Louisiana
Cooper, Cynthia Lucille	B. S.	Louisiana
Cosse, Sheila Ann	B. S. in Med. Tech.	Louisiana
Cottone, Lucy Matheu	B. S. S.	Honduras
Couvillon, Marilyn Rose	B. S.	Louisiana
Cripps, Catherine Elizabeth	B. S.	Louisiana
Damico, Joe Ann Marie	B. S.	Louisiana
Darby, Louis Nelson Jr.	Pre-Dental	Louisiana
D'Arcangelo, Frank Bernard	B. S.	Louisiana
Davy, Mary Elizabeth	B. S.	Louisiana
Day, Eston Jerome	B. S.	Indiana

DeArrigunaga, Ramon Eduardo	B. S.	Louisiana
Deichmann, Rita Jean	B. S.	Louisiana
Delahaye, Richard Landry	Pre-Engineering	Louisiana
deLaneuville, Louis Jr.	B. S.	Louisiana
De Paoli, Betty Mae	B. S.	Louisiana
De Silva, Robert Emmett	B. S.	Louisiana
Detweiler, William Milton	Pre-Legal	Louisiana
DiFulco, Sammie Fay	B. S. S.	Louisiana
Dobbins, James Hamilton	B. S.	Louisiana
Dolese, Clarence H.	Pre-Pharmacy	Louisiana
Donnelly, Errol Alvin	Pre-Legal	Louisiana
Doskey, Elsie Claire	B. S.	Louisiana
Dours, Paul Albert	B. S.	Louisiana
Dover, Joseph Les	A. B.	Louisiana
Downes, Elizabeth D.	B. S.	Louisiana
Ducote, Barbara Ann	B. S.	Louisiana
Dufresne, Yvonne Marie	B. S.	Louisiana
Dunaway, Patricia Ann	B. S.	Louisiana
Dupre, Lelia Anne	B. S.	Louisiana
Durham, Warren A. Jr.	B. S.	Louisiana
Eagle Eye, Juanita Nettie	B. S.	California
Edmond, Marie Antoinette	B. S. in Med. Tech.	Louisiana
Ellender, Stephen Ernest	Pre-Medical	Louisiana
Ellison, Sylvia Sue	B. S. S.	Texas
Elston, Myra L.	B. S. in Med. Tech.	Louisiana
Etingoy, Louis E.	Pre-Medical	Louisiana
Estrada, Maria	B. S. S.	Texas
Faler, George Lewis Jr.	B. S. S.	Louisiana
Fenner, Wendell Lawrence	B. S.	Louisiana
Feux, Tommy Gerald	Pre-Pharmacy	Texas
Fleddermann, Ethel	B. S. in Med. Tech.	Louisiana
Foerster, Joanne L.	B. S.	Louisiana
Foley, Kenny B.	B. S.	Louisiana
Fong, Lilly Chung Mow	B. S.	Louisiana
Font, Jo Ann Marie	B. S. in Med. Tech.	Louisiana
Fontan, Earl Jules Jr.	Pre-Engineering	Louisiana
Fontenot, Carolyn Marie	B. S.	Louisiana
Foster, Kay	B. S. S.	Louisiana
Foucheux, Bonnie Jane Marie	B. S.	Louisiana
Fournet, Sister Mary Kevin	B. S.	Louisiana
Frank, Anita Mary	B. S.	Louisiana
Galioto, Mary Ann	B. S. S.	Louisiana
Gallagher, Theodore Joseph Jr.	B. S.	Louisiana
Garritty, Raymond J.	Pre-Medical	Louisiana
Gaston, Rosalie Ann	B. S.	Louisiana
Gaudet, Carl Joseph	B. S.	Louisiana
Gelpi, Althea Estelle	B. S.	Louisiana

Gilbert, Bruce Dale	B. S.	New Jersey
Gondrella, Beverly Ann	B. S.	Louisiana
Gottlieb, Kalma R.	B. S.	Louisiana
Gourgott, Charles John	B. S.	Louisiana
Grant, Jacquelin Theresa	B. S.	Louisiana
Gravois, Ronald Joseph	B. S.	Louisiana
Griffith, Mary Celine	B. S. S.	Texas
Grunewald, Carolyn Ernestine	B. S. in Med. Tech.	Louisiana
Gubbels, Helen Ruth	B. S. S.	Texas
Guccione, Lawrence Joseph	Pre-Dental	Louisiana
Guerra, Oscar Noe	Pre-Dental	Texas
Guillot, Bessie Josephine	B. S.	Louisiana
Guillot, Rochelle Gertrude	B. S.	Louisiana
Hale, Richard King, III	B. S.	Louisiana
Hammel, William Muller	Pre-Dental	Louisiana
Hanemann, Thomas S.	Pre-Medical	Louisiana
Hanley, Mary Lawrence	B. S.	Maryland
Harger, Muriel M.	B. S.	Louisiana
Haydel, Robert Douglas	Pre-Medical	Louisiana
Hebert, Marie Anna Lee	B. S.	Louisiana
Hebert, Myrtle Jean	B. S.	Louisiana
Heingarten, Oengus Patrick	B. S. S.	Louisiana
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